

# ROSS SHEGOG

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## EDUCATION

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Date	School	Degree	Area of Concentration
1997	University of Texas	Ph.D.	Behavioral Science Dissertation: Computer-assisted instruction for self-management education in pediatric asthma.
1992	University of Texas	M.P.H.	Health Education Thesis: Computer-assisted instruction for nutrition education: Do student attitudes and learning styles really make a difference ?
1990	University of Texas	Dip. B.M.C.	Biomedical Communication
1985	University of Sydney	Dip. N.D.	Nutrition & Dietetics
1983	University of Sydney	BSc.	Psychology & Zoology

## ACADEMIC APPOINTMENTS

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Dec. '07 - Present	Associate Director of Communications, Center for Health Promotion and Prevention Research.
Dec. '00 – Present	Assistant Professor of Behavioral Sciences and Health Promotion, University of Texas School of Public Health, Center for Health Promotion and Prevention Research, Houston.
Sept. '04 - Present	Adjunct Faculty Member for School of Health Information Sciences
Oct. '97 – Nov. '00	Instructor, Department of Pediatrics, Baylor College of Medicine, Houston.

## PROFESSIONAL EXPERIENCE

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Jan. '07 – Present	Associate Director for Communication, Center for Health Promotion and Prevention Research and Development, University of Texas Health Science Center at Houston.
Dec. '00 – Present	Investigator, Center for Health Promotion and Prevention Research and Development, University of Texas Health Science Center at Houston.
Oct. '97 – Nov. '00	Project Director, Department of Pediatrics, Baylor College of Medicine, Houston.
Sept. '95 - May '97	Senior Project Coordinator, Center for Health Promotion and Prevention Research and Development, University of Texas Health Science Center at Houston.
Oct. '93 – Aug. '95	Senior Project Coordinator, Dept. of Ambulatory Medicine, Baylor College of Medicine, Houston.
Aug. '90 - Oct. '93	Research Assistant, South West Center for Prevention Research, University of Texas Health Science Center at Houston.
June, '90 - July, '90	Instructional Designer (Practicum), Omniplan Corporation, Clear Lake. Design and development of computer-assisted learner orientation tutorial for a computer-assisted course on NASA Space Shuttle navigation.
Jan. '89 - Aug. '89	Writer, Self-employed. Completed 3 dramatic screenplays and one book of prose (unpublished).
March '88 - Aug. '88	Marketing Representative, WATERTROL Pty. Ltd., Toronto, Canada. Marketing and promotion: direct sales to consumers; developed promotional strategies; opened new markets.
July, '87 - Dec. '87	Research Dietitian, CAMPBELLTOWN HOSPITAL, SYDNEY, AUSTRALIA. Researched effectiveness of a cholesterol-lowering intervention for colliery industrial workers; developed and conducted cholesterol lowering workshops; nutrition programs and parenthood classes.
June '87 - July '87	Clinical Dietitian, RYDE DISTRICT HOSPITAL, SYDNEY, AUS. Intensive care; general medical; inpatient/outpatient counselling; cardiac care program.
Aug. '85 - April '87	Dietitian, SOLDIER'S MEMORIAL HOSPITAL, CANOWINDRA, AUS. Inpatient/outpatient counseling; resource to medical practitioners and general public; hospital dietary management and menu planning; community health projects

## HONORS AND AWARDS

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2008 Star Team Award, University of Texas, Feb 2008.  
 1994 Recipient of Student Inter-council Competitive Scholarship.  
 1993 Recipient of Lamb Competitive Scholarship.  
 1993 School of Public Health representative in University of Texas Clinical Team Competition.  
 1990 Scholastic All-American, Deans List.  
 1989 Recipient of Student Intercouncil Competitive Scholarship.  
 1984 Vice President of University of Sydney Nutrition Society.  
 1979 School Captain, Crow's Nest Boys High School, Sydney, Australia.

## RESEARCH INFORMATION

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### CURRENT RESEARCH INTERESTS

Application of instructional technology in health promotion and disease prevention (pediatric asthma management, smoking cessation and prevention, HIV, STI, and pregnancy prevention, violence prevention). Recent projects have focused on using computer-based education and decision-support programs to enhance the management of pediatric asthma by children, families, and community physicians, CD\_ROM and internet-based applications for smoking cessation and prevention in child and adolescent populations, computer-based HIV/STD and pregnancy prevention in middle school children, and internet-based violence prevention in high school and college populations. Current projects include the development of computer-based HIV prevention programs for middle school children, an exercise program for worksite populations, internet-based parental support to impact television viewing behaviors in children, PDA decision support for smoking cessation for dentists, and clinic-based HIV+ tailored computer-based intervention for adolescents.

### RESEARCH SUPPORT

Date	Grant Details
Aug. '07 – Sept. '09	<p>Project Title: The Role of Epilepsy Self-Management in Predicting Treatment Adherence, health Care Use, and Outcomes.            IP 04-04 Evaluation of abstinence only and abstinence-plus programs to prevent HIV, STD, and pregnancy among middle school students.            Source of support: Centers of Disease Control Special Interest Project.            Award number: SIP6 - 2007            Total Direct Cost: \$70,000 for 2 years            Co-Principal Investigator (5%)            This study will determine the association between psychosocial variables, epilepsy self-management, and disease outcomes.</p>
Sept. '04 – Sept. '09	<p>Project Title: SIP 04-04 Evaluation of abstinence only and abstinence-plus programs to prevent HIV, STD, and pregnancy among middle school students.            Source of support: Centers of Disease Control            Award number: 1U48DP000057-01            Total Direct Cost: \$642,404            Co-investigator (35%)            This study will evaluate the efficacy of an abstinence-only sexual risk reduction program for middle school students relative to a theoretically-comparable abstinence-plus program and relative to standard care.</p>
Aug. '07 – Sept. '09	<p>Project Title: Booster Breaks: A 21<sup>st</sup> Century Innovation To Improve Worker Health and Productivity.            Award Number:            Total Direct Cost: \$150,000            Co-Investigator (2%) (Taylor, W. – PI)            An R03 application to develop, implement, and evaluate a prototype activity break program for the workplace.</p>
Jan 1, '07 - Dec 31, '08	<p>Project Title: City of Houston DHHS Bureau of HIV/STD Prevention Training Grant (Melissa Peskin PI)            Award Number:            Total Direct Cost: \$200,000            Co-investigator (15%)            Delivery of a school-based structural intervention targeted to teachers, school administrators and parent/teacher associations in the Houston Independent School District (HISD) to disseminate "It's Your Game".</p>

## RESEARCH SUPPORT (con't)

- Sept. '04 – Project Title: Health Education and Discovering Science Careers.  
July '09 Source of support: National Center for Research Resources, National Institutes of Health  
Award number: 5R25RR020543-02 (Murray - PI)  
Total Direct Cost: \$306,601 (total \$1,336,633)  
Co-investigator (1%)  
The goal of this project is to expand, evaluate, and disseminate a health science curriculum, "HEADS-UP," for 5th through 8th grades developed through collaborations between a Health Science Center and their clinical research center, a school district, a health and medical science museum, a school reform project, and a Hispanic health center. HEADS UP (Health Education and Discovering Science while Unlocking Potential) consists of multimedia modules containing CD-ROM's, VHS tapes, lesson plans, and classroom activities, designed to meet state and national science standards and bring biomedical science and scientists into the classroom.
- Sept. '05 – Project Title: Intervention Component To Reduce Television Viewing For Incorporation Into An Evidence-Based Multi-  
Sept '09 Component School-Based Nutrition And Physical Activity Program  
Source of Support: CDC SIP 18-2005  
Total direct is \$142,249  
Co-investigator (current 0%)  
The proposed study aims to further the research on sedentary behavior and childhood overweight by examining the impact of a school-based intervention to reduce television viewing on obesity-related outcomes among elementary school students.

## PUBLICATIONS and PRESENTATIONS

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### PEER REVIEWED PUBLICATIONS

\* Indicates student author

- Tortolero S, Markham C, Peskin M, **Shegog R**, Addy R, Escobar-Chaves L, Baumler E. "It's Your Game": Delaying Sexual Behavior with an Effective Middle School Program. *Accepted for publication in Journal of Adolescent Health*.
- Escobar-Chaves, SL., **Shegog, R**, Markham, C., Brehm, B. "The McSpoons": Using puppetry's narrative impact to reduce family TV time. *Arts and Health – An International Journal for Research, Policy and Practice*. *In press*. (Forthcoming September, 2009).
- Prokhorov, AV, Kelder, SH, **Shegog, R.**, Conroy, JL, Murray, NG, Peters RJ, Cinciripini P, de Moor C, Hudmon KS, & Ford KH. Project ASPIRE: An Interactive multimedia smoking prevention curriculum for culturally diverse high school students. *Substance Use and Misuse*, 2009, *in press*.
- Markham C, **Shegog R.**, Leonard A, Bui T, Paul M. +CLICK: Harnessing web-based training to reduce secondary transmission among HIV-positive youth. *AIDS Care*, 2009, May;21(5):622-31. PMID: 19444671.
- Coton, C., **Shegog, R.**, Markham, C., Thiel, M., Peskin, M., Tortolero, S. Creating an immersive virtual world through the integration of diverse 2D and 3D technologies to implement e-learning curricula for middle school students. The Fourth International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering (CISSE) Proceedings, 2008.
- Prokhorov AV, Kelder SH, **Shegog R**, Murray N, Peters R, Agurcia-Parker C, Cinciripini PM, de Moor C, Conroy JL, Hudmon KS, Ford KH, Marani S. Impact of A Smoking Prevention Interactive Experience (ASPIRE), an interactive, multimedia smoking prevention and cessation curriculum for culturally diverse high school students. *Nicotine & Tobacco Research* 10(9):1477-1485, 2008
- Brown\* A, Pavlik V, **Shegog R**, Whitney S, Friedman L, Romero C, Davis GC, Cech I, Kosten T, Volk R. The Association of Spirituality and Sobriety During a Behavioral Sprituality Intervention for Twelve Step (TS) Recovery. *Am. J. Drug & Alcohol Abuse*. 2007;33(4):611-617.
- Shegog R**, Markham C, Peskin M, Dancel T, Coton C, Tortolero S. "It's Your Game": An Innovative Multimedia Virtual World to Prevent HIV/STI and Pregnancy in Middle School Youth, *MedInfo Congress Series Proceedings*, Aug., 2007.
- Springer A, Peters R, **Shegog R**, Kelder S. "Methamphetamine use and sexual risk behaviors in U.S. high school students: findings from a national risk behavior survey". *Prevention Science*, 2007, 8:103-113.

- Howard\*, BH, **Shegog, R.**, Grussendorf J, Benjamins, L, Stelzig, D, McAlister, AL. [www.PeaceTest.org](http://www.PeaceTest.org): Development, implementation, and evaluation of a Web-based violence-prevention program in a time of war. *Journal of Peace Research*. 2007; 44(5), 559-571.
- Shegog, R.**, Bartholomew, L.K., Sockrider, M.M., Czyzewski, D.I., Pilney, S., Mullen, P., Abramson, S.L. Computer-based decision-support for pediatric asthma management: Description and feasibility of the Stop Asthma Clinical System. *Health Informatics Journal*. 12(4):259-273, 2006.
- Shegog, R.**, Bartholomew, L.K., Gold, R.S., Pierrel, E., Parcel, G.S., Sockrider, M.M., Czyzewski, D.I., Fernandez, M.E., Berlin, N., Abramson, SL. Asthma management simulation for children: Translating theory, methods, and strategies to effect behavior change. *Simulation in Healthcare*. 1(3):151-159, Fall 2006.
- Walters, S., Wright, J.A., **Shegog, R.** A Review of Computer- and Internet-Based Interventions for Smoking Behavior. Addictive Behaviors. *Addictive Behaviors*. 31; 264-277, 2006.
- Bartholomew, L.K. Tortolero, S., Czyzewski, D. Sockrider, M. Abramson, S., Swank, P., Tyrell, S., Markham, C., **Shegog, R.**, Parcel, G. Partners in school Asthma Management: Evaluation of a self-management program for children with asthma. *Journal of School Health*. 76(6); 283-290, 2006
- Peters R., Kelder, S., Prokhorov A., Amos C., Yacoubian G., Agurcia C., Murray N., **Shegog R.** The relationship between perceived youth exposure to Anti-smoking advertisements: How perceptions differ by race. *Journal of Drug Education*. J. Drug Education. 35(1); 47-58, 2005.
- Shegog R.**, McAlister A, Hu S, Ford K, Meshak A, Peters R. Using the Web to Impact Smoking Intentions in Middle School Students: A Pilot Test of the "Headbutt" Risk Assessment Program. *AJHP*, 19(5), pp. 334-338, 2005.
- Shegog, R.**, Bartholomew, L.K., Craver, J, Sockrider, MM, Mullen, PD, Pilney, S, Koepl, P, Gold, RS, Czyzewski, DI, Abramson, SL. Development of an Expert System Knowledge Base: A Novel Approach to Promote Guideline Congruent Asthma Care. *J of Asthma*, Vol 41, No. 4, pp. 385-402, 2004.
- Shegog, R.**, Sockrider, M., Bartholomew, L.K., Masse, L., Parcel, G., Abramson, S. Impact of a computer- assisted self-management education program on factors related to asthma self-management behavior. *Journal of American Medical Informatics Association*, Vol 8(1), Jan/Feb 2001, pp49-61.
- Crump, C. E., **Shegog, R.**, Gottlieb, N., Grunbaum, J. Comparison of participation in federal worksite and community health promotion programs. *American Journal of Health Promotion*, Vol 15 (4),2001 Mar-Apr, pp232-6.
- Bartholomew, L.K., **Shegog, R.**, Parcel, G.S., Gold, R., Fernandez, M., Czyzewski, D., Sockrider, M.M., Berlin, N. Watch, Discover, Think, and Act: a model for patient education program development. *Journal of Patient Education and Counseling*, Vol 39 (2-3), 2000, pp253-268.
- Bartholomew, L.K., Gold, R., Parcel, G.S., Czyzewski, D., Sockrider, M., Fernandez, M., **Shegog, R.**, Swank, P. Watch, Discover, Think then Act: Evaluation of Computer-assisted Instruction to Improve Asthma Self-Management in Inner-City Children. *Journal of Patient Education and Counseling*, 39 (2-3), 2000, pp269-280.
- INVITED PUBLICATIONS**
- Shegog, R.**, Bartholomew, KL. Computer-assisted asthma education for children: Impact on self- management behavior. *International Review of Asthma*, 6(2), 2004, pp70-86.
- Shegog, R.**, Sockrider, M., Bartholomew, L.K., Masse, L., Parcel, G., Abramson, S. Impact of a computer- assisted self-management education program on factors related to asthma self-management behavior. *International Medical Informatics Association Yearbook of Medical Informatics*, 2002, pp 566-578.
- MANUSCRIPTS UNDER REVIEW**
- Mowry\* M, **Shegog R.** Murray N, Diamond, P., Sessions N, Zsigmond E. Virtual Transgenics: Using a Molecular Biology Simulation to Impact Minority Student Academic Achievement and Attitudes. *Under review*.
- Leonard, A., Markham, C.M., Bui, T., **Shegog, R.**, Paul, ME. Disclosure and sexual risk reduction to lower HIV transmission: Insights from HIV- positive youth and healthcare providers. Submitted to Perspectives on Sexual and reproductive Health. *Under review*.
- Agurcia\* CA, **Shegog R.** Peters RJ, Kelder, SH, Prokhorov A. ASPIRE/ A Smoking Prevention InteRactive Experience. *Under review*.

Peskin MF, Markham C, **Shegog R**, mckirahan NJ, Escobar-Chaves, SL, Tortolero S. "It's Your Game...Keep it Real": Addressing Challenges in the Development of an Effective Middle School Sex Education Program. Preventing Chronic Disease. *Under review*.

## MANUSCRIPTS IN PREPARATION

**Shegog, R.**, Murray, NG, Agurcia, C., Conroy, JL, Kelder, SH, Prokorov, AV Project ASPIRE: Description and feasibility of a computer-based smoking cessation and prevention program for high schools. In preparation.

**Shegog, R**, Potzmantier, A. Attribution in asthma self-regulation. In preparation.

**Shegog R**, Drenner K, Springer A, Kelder SH. En Vivo: Translating motivational enhancement strategies for a web-based Intervention to reduce screen time among hispanic children. In preparation.

**Shegog R.**, Mullen P, Chan W. Effectiveness of a computer-based nutrition tutorial in a nursing school curriculum. In preparation.

Taylor W., **Shegog R**, Chen V, Rempel, D., and Pavlik V. The Booster Break Program: Development, Implementation, and Process Evaluation. *In preparation*.

Markham CM, **Shegog R**, Peskin MF, Spooner KK, McKirahan N., Thiel MA, Tortolero SR. It's Your Game ... Keep It Real: An HIV-, STD-, and pregnancy-prevention program for middle school students. In preparation.

Murray, NG, **Shegog, R.**, Agurcia, C., Conroy, JL, Kelder, SH, Prokorov, AV. Project ASPIRE: An intervention Mapping Approach to Development of a Computer-based smoking cessation and prevention program for high schools. *In preparation*.

Agurcia\*, C., **Shegog, R.**, Murray, NG, Conroy, JL, Griffith, J, Kelder, SH, Prokorov, AV. Implementing a computer-based smoking cessation and prevention program in urban high schools: Lessons learned from Project ASPIRE. *In preparation*.

Glas-Gaspers\* M., **Shegog R.**, Sanchez, Brody. Healthcare provider perspectives on parental refusal of medical interventions: A qualitative study. *In preparation*.

Brown\* A, Pavlik V, **Shegog R**, Kosten T, Volk R. Measuring cognitions for spiritual involvement in twelve-step recovery. *In preparation*.

## BOOKS

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**Shegog, R.** Asthma Management Mission Quest. An illustrated epic poem on asthma management with a Gothic horror twist. Unpublished.

## BOOK CHAPTERS

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**Shegog, R.** Application of behavioral theory in computer game design for health behavior change. In Cannon-Bowers J and Bowers C. (Eds.) Serious Game Design & Development. Technologies for Training and Learning. Univ Central Florida. Submitted 2009.

**Shegog, R.** and Sockrider MM. Computer-based applications for asthma education and management. In Harver, A. ed. Asthma, Health, and Society. Springer US. In publication 2009.

Chris Markham, Shellie Tyrell, **Ross Shegog**, Maria Fernandez, L. Kay Bartholomew. Partners in School Asthma Management Program. In Bartholomew, L.K., Parcel, G.S., Kok, G., & Gottlieb, N. 2006. Planning Health Promotion Programs. An Intervention Mapping Approach. 2<sup>nd</sup> ed. Jossey-Bass, San Francisco, CA.

Chris Markham, Shellie Tyrell, **Ross Shegog**, Maria Fernandez, L. Kay Bartholomew. Partners in School Asthma Management Program. In Bartholomew, L.K., Parcel, G.S., Kok, G., & Gottlieb, N. 2001. Intervention Mapping: A process for designing theory-and evidence-based health education programs. Mayfield Publishing Co., Mountain View, CA.

## REPORTS

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Developing and Implementing Educational Strategies and Interventions for Controlling Asthma in Inner City and High Risk Populations. Six month and final reports. 1993-1997. NHLBI Contract No. N01-H0-39220.

Federal Employee Worksite Health Promotion Case Study Project Summary Report. 1993. Submitted to Office of Personnel Management.

Federal Employee Worksite Health Promotion Case Study Project Case Study Reports. 1991. Submitted to Office of Personnel Management.

Milosaljevik, M., **Shegog, R.** Report on the effectiveness of a nutrition education program in lowering serum cholesterol levels in blue collar industrial workers. 1988. Submitted to Cambelltown Hospital, NSW, Australia.

## ABSTRACTS and PRESENTATIONS

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\* Indicates student author

**Shegog R.** Behavioral theory to silicon chip in the service of adolescent behavior change. Teens and Technology Conference, Houston, April 29, 2009.

Springer AE, Kelder SH, Barroso C, Drenner K, **Shegog R**, Hoelscher DM Parental influences on television watching among children living on the Texas-Mexico border. International Society for Behavior, Nutrition, and Physical Activity, Lisbon, Portugal, June 17-20, 2009.

**Shegog R**, Peskin M, Tyrrell S, Johnson K, Markham C, Addy R, Flores B, Tortolero. Disseminating an evidence-based HIV prevention program for middle school: The "It's Your Game" curriculum website. Sex::Tech, San Francisco, March 22<sup>nd</sup>-23<sup>rd</sup>, 2009.

Coton, C, **Shegog, R**, Markham, C, Thiel, M, Peskin, M, Tortolero, S. Creating an immersive virtual world through the integration of diverse 2D and 3D technologies to implement e-learning curricula for middle school students. *The Fourth International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering (CISSE) Virtual Conference, Dec 13, 2008.*

Begley C., **Shegog R**, Talluri K. Socioeconomic differences in self-management and it's impact on health care use. Am. Epilepsy Society Meeting, Seattle, WA. Dec 5-9, 2008.

**Shegog R**, Markham C, Peskin M, Coton C, Tortolero S. It's Your Game. Regional Games For Health Project "Shorts". Games For Health Houston Regional Conference. Rice University. Houston, TX. Dec 4, 2008.

**Shegog R**, Markham C, Peskin M, Coton C, Tortolero S. When the LAN "party", virtual world gaming technology, and middle school classroom collide: Will sex ed ever be the same? 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008

Markham C, Peskin M, McKirahan N, **Shegog R**, Escobar-Chaves L, Tortolero S. Addressing challenges in the development of HIV, STI, and pregnancy prevention programs for middle school students. 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008.

Peskin M, Markham C, **Shegog R**, Thiel M, Tortolero S. 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. An innovative HIV, STI, and pregnancy prevention program that works: The "It's Your Game...Keep It Real Program" for middle school students. 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008.

Markham C, Leonard A, **Shegog R**, Paul M, Bui T. +CLICK: Usability study of a web-based, self-management program for HIV+ youth. 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008.

Markham C, Peskin M, Addy R, Baumler, E, Thiel M, **Shegog R**, Reininger B, Escobar-Chaves L, Robin L, Tortolero S. Early Initiation of Sexual-Risk Taking Behaviors among Urban Middle School Students: Prevalence and Protective Factors. 136<sup>th</sup> Annual Meeting of the American Public Health Association, San Diego, Oct 25-29, 2008.

Peskin MF, Markham CM, **Shegog R**, Addy RC, Baumler ER, Tortolero S. It's Your Game...Keep it Real: Long-term results for an HIV, STI, and pregnancy prevention program for middle school students. 10<sup>th</sup> International Congress of Behavioral Medicine, Tokyo, Japan, August 27-30, 2008.

Phelps CL, Willcockson I, **Shegog R**, Hoelscher DM. Food Fury: Casual games for health. Games for Health Annual Conference. Baltimore, MD, May 8-9, 2008.

- Markham C, Leonard A, **Shegog R**, Paul M. Feasibility of a prototype computer-based self-management program for HIV+ youth. AIDS Research Forum, Center for AIDS Research Baylor-UT Houston, April 14, 2008.
- \*Gaspers MG, **Shegog R**, Brody BA, Jefferson, LS. Healthcare provider perspectives on parental refusal of medical interventions: A qualitative study. Baylor Fellow's Day, Baylor College of Medicine, March 15, 2008.
- Tortolero S., Markham C., **Shegog, R**, Peskin, M. "It's Your Game": A Multimedia Curriculum to Prevent HIV/STI and Pregnancy for Middle Schooler. Workshop, Sex::Tech Conference, San Francisco, Jan 22-23, 2007.
- Markham, C., Leonard, A., **Shegog, R.**, Paul, M., Bui, T. Positive CLICK: A computerized educational program for HIV-infected youth. Poster and demonstration presented at the 2<sup>nd</sup> Annual Retreat of the Baylor College of Medicine – University of Texas Houston Center for AIDS Research, Houston, TX, Dec., 2007.
- Leonard, A., Paul, M., **Shegog, R.**, Bui, T., Markham, C. (2007, November). The young and HAART: perspectives of HIV+ youth and healthcare providers. Poster presented at the United States Conference on AIDS, Palm Springs, CA.
- Markham C, Thiel M, Spooner K, McKiran N, **Shegog R**, Peskin M, Tortolero, S., Reninger B, Robin L. Using intervention mapping to develop, implement, and evaluate comparable abstinence and comprehensive sexuality curricula. 135<sup>th</sup> Annual Meeting of the American Public Health Association, Nov., 2007.
- Leonard, A., Markham, C., Bui, T., **Shegog, R.**, Paul, M. (2007, December). HIV+ youth speak out: insights for secondary prevention. National HIV Prevention Conference in Atlanta, GA., Dec. 2007.
- Shegog R**, Drenner K, Phelps C, Springer A, Kelder S. En Vivo: Translating Motivational Enhancement Strategies for a Web-based Intervention To Reduce Screen Time Among Hispanic Children. International Society for Behavior, Nutrition, and Physical Activity, Oslo, Norway, June, 2007.
- \* Drenner, K.L., Perez, N.J., **Shegog, R.**, Springer, A.E., Kelder, S.H. En Vivo: If We Call Them Will They Come? A Telephone-based Brief Motivational Enhancement Intervention Targeting TV Time. UT Research Day, Houston, TX., May 17<sup>th</sup>, 2007.
- \* Agurcia C, Kelder SH, **Shegog R**, Hoelscher D. Formative evaluation of the Time Twisters: A Comic Book based obesity prevention curriculum for elementary school students. UT Research Day, Houston, TX., May 17<sup>th</sup>, 2007.
- \* Mowry M, **Shegog R**, Sessions N, Murray NG. 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., May 17<sup>th</sup>, 2007.
- Markham, C., Tortolero, S., Peskin, **Shegog, R.**, Addy, R., Baumler, E., McKirahan, N. Short-term Impact Evaluation of "It's Your Game, Keep It Real": A Multimedia HIV/STI and Pregnancy Prevention for Middle School Youth. 133<sup>rd</sup> Annual Meeting of the American Public Health Association, Boston, MA, November 6, 2006.
- Murray N, Sessions N, Mowry M, **Shegog, R**. Research Translated into K-12 Curricula. UT Research Day, Houston, TX., November 17<sup>th</sup>, 2006.
- \* Brown, A., Pavlik, V., **Shegog, R.**, Whitney, S., Friedman, L., Romero, C., Davis, GC, Cech, I., Kosten, T., Volk, R. Knowing Your Higher Power: A Seven-Week Spiritual Involvement Intervention For Twelve-Step Substance Abuse Treatment., 4<sup>th</sup> Biennial International Conference on Personal Meaning, Vancouver, British Columbia, Canada, July 20-23, 2006.
- Walters, ST, Wright, JA, **Shegog, R**, Matson, SA. A review of computer and internet-based interventions for smoking behavior. Advances in Teaching and Learning Regional Conference, Houston, May 22, 2006.
- Markham, CM, Robin, L, Thiel, M, Spooner, K, McKirahan, N, Fleschler, M, **Shegog, R**, Escobar-Chaves, L, Tortolero, S. Designing Comparable Abstinence Education and Comprehensive Sexuality Curricula. Paper accepted for presentation to the annual meeting of the American Public Health Association, Philadelphia PA, Dec 5-9, 2005.
- Markham CM, Robin L, Thiel M, Spooner K, McKirahan N, Fleschler M, **Shegog R**, Escobar-Chaves SL, Tortolero S. Designing comparable abstinence education and comprehensive sexuality curricula. Paper accepted for presentation to the annual meeting of the American Public Health Association, Philadelphia PA, Dec 5-9, 2005.
- Murray, NG, Sessions, N, Castro, GA, Hobbs, M, **Shegog, R**, Zsigmond, E. Public health and K-12 Science: Teaming with teachers to develop science curriculum. Paper accepted for presentation to the annual meeting of the American Public Health Association, Philadelphia PA, Dec 5-9, 2005.
- Walters, ST, Wright, JA, **Shegog, R**, Matson, SA. A review of computer and internet-based interventions for smoking behavior. Paper accepted for presentation to the annual meeting of the American Public Health Association, Philadelphia PA, Dec 5-9, 2005.

- Prokhorov, A. V., Kelder, S. H., **Shegog, R.**, Cinciripini, P. M., Murraray, N., & De Moor, C. *ASPIRE multimed tobacco curriculum for youth: Development and results*. Paper presented at the meeting of the Critical Issues in eHealth Research Conference, Bethesda, MD. June, 2005.
- Murray, NG, Hobbs, M, Castro, GA, **Shegog, R**, Reiningger, B, Franklin, D. It takes a multidisciplinary team informed by K-12 teachers to develop K-12 curriculum: the HEADS UP process. *Advances in Teaching and Learning: Scholarship of Teaching regional conference*, University of Texas Health Science Center at Houston, May 10, 2005. Recipient of a \$500 prize for "best poster session"
- Dancel, TM, **Shegog, R**, Markham, C, Peskin, M, Coton, C, Ledet, R, Pena, R, Tortolero, SR. "It's Your Game...Keep It Real:" Feasibility of An Innovative Multimedia "Virtual World" to Prevent HIV, STIs, and Pregnancy In Middle School Youth. *Advances in Teaching and Learning: Scholarship of Teaching regional conference*, University of Texas Health Science Center at Houston, May 10, 2005. Recipient of a \$500 prize for "Best poster session".
- Prokhorov AV, Kelder, SH, **Shegog R**, Cinciripini PM, Peters R Jr, Agurcia-Parker C. ASPIRE: Outcomes from a computer-based smoking prevention and cessation curriculum. 11<sup>th</sup> Annual Society for Research on Nicotine and Tobacco Meeting & 7<sup>th</sup> Annual Society for Research on Nicotine and Tobacco European Conference, Prague, Czech Republic, March 20-23, 2005.
- Prokorov, A.V., Kelder, S.H., Billip, S.H., **Shegog, R.**, Marani, S., De Moor, C. Project ASPIRE: Intermediate results from a multimedia smoking prevention and cessation program for adolescents. APHA 132<sup>nd</sup> Annual Meeting, Washington D.C., Nov 6-10, 2004.
- Shegog, R.**, Markham, C., McKirahan, N., Fleschler, M, Coton, C., Chapman, E., Low, B., Hurt, D., Spooner, K., Tortolero, S. It's Your Game...Keep It Real: Feasibility of an Innovative Multimedia HIV/STI and Pregnancy Prevention Program for Middle School Youth. APHA 132<sup>nd</sup> Annual Meeting, Washington D.C., Nov 6-10, 2004.
- \* Howard, B., Benjamins, LJ, Stelzig, D, McAlister, A, Grussendorf, J, **Shegog, R**. WebEngage: Moral disengagement and [www.Peacetest.org](http://www.Peacetest.org) APHA 132<sup>nd</sup> Annual Meeting, Washington D.C., Nov 6-10, 2004.
- Markham, C., **Shegog, R.**, McKirahan, N., Fleschler, M. 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. 78<sup>th</sup> Annual School Health Conference of the American School Health Association, Pitsburg, Oct 13-16, 2004
- Markham, C., Fleschler, M., McKirahan, N., **Shegog, R.**, Low, B., Spooner, K., Hurt, D., Escobar- Chaves, L., Thiel, M., Youmans, S., Addy, R., Tortolero, S. Using Intervention Mapping to develop an HIV/STD and pregnancy prevention program for middle school youth. Society for Preventive Research 12<sup>th</sup> Annual Meeting, Quebec, May 26-28, 2004.
- \* Ford, K., **Shegog, R**, McAlister, A, Meshack, A, Hu, S, Peters, R. Theory and Data-Based Internet Technology for Cost-Effective Smoking Prevention. University of Texas Regional Conference on Teaching and Learning, Houston Feb, 2004.
- \* Howard, B, Benjamins, L, McAlister, A, Grussendorf, J, **Shegog, R**. Web Engagement: Moral Disengagement and the Peacetest Web Site. University of Texas Regional Conference on Teaching and Learning, Houston Feb, 2004.
- Shegog, R**, Markham, C, McKirahan, N, Fleschler, M, Coton, C, Chapman, E, Low, B, Hurt, D, Spooner, K, Tortolero, S. 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. University of Texas Regional Conference on Teaching and Learning, Houston Feb, 2004.
- Markham, C, McKirahan, N, Fleschler, M, **Shegog, R**, Low, B, Spooner, K, Hurt, D, Escobar-Chaves, L, Thiel, M, Tortolero, S. Using Intervention Mapping to develop an HIV/STD and pregnancy prevention program for middle school youth. University of Texas Regional Conference on Teaching and Learning, Houston Feb, 2004.
- \* Agurcia C, **Shegog R**, Murray, NG, Kelder, S, Prokhorov, A, Peters, R, Cinciripni, P, de Moor, C, Billipp, S, Stepanik, C. Description and Demonstration of ASPIRE: A computer-based interactive smoking prevention and cessation program for adolescents. University of Texas Regional Conference on Teaching and Learning, Houston Feb, 2004.

- Shegog, R**, Meshack, A, Hart-Ford, K, Hu, S, Peters, R, McAlister, A. Theory and Data-Based Internet Technology for Cost-Effective Smoking Prevention. National Conference on Tobacco and Health, Boston, Dec, 2003.
- Prokhorov, AV, Kelder, SH, **Shegog, R.**, Murray, NG, Cincirripini, P, deMoor, C, Peters, R Jr., Conroy, JL. Project ASPIRE: A smoking prevention interactive experience for adolescents. National Conference on Tobacco and Health, Boston, Dec, 2003.
- Markham, C., Fleschler, M., McKirahan, N., Escobar-Chaves, L., **Shegog, R.**, Low, BJ, Thiel, M., Addy, RC, Tortolero, S. Using intervention mapping to develop an HIV/STD and pregnancy prevention program for middle school youth. American Public Health Association, San Francisco, Nov. 2003.
- Shegog, R.**, Conroy, J, Murray, NG, Agurcia, C., Kelder, S., Prokorov, A. Process evaluation of ASPIRE: A CD\_ROM based smoking curriculum for high school students. American Public Health Association, San Francisco, Nov. 2003.
- 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*. Abstract presented at the meeting of the 131st Annual Meeting of the American Public Health Association, San Francisco, CA. Nov., 2005.
- Prokhorov AV, Kelder SH, Billipp SH, **Shegog R**, Marani S, De Moor C. Project ASPIRE: Intermediate results from a multimedia smoking prevention and cessation program for adolescents. 132<sup>nd</sup> Annual Meeting of the American Public Health Association, Washington DC, November 2004.
- Conroy, J., Agurcia, C., **Shegog, R.**, Griffith, J., Kelder, SH., Prokorov, A. Barriers to public school implementation of ASPIRE, a computer-based smoking prevention and cessation program. American Public Health Association, San Francisco, Nov. 2003.
- Murray, NG., Conroy, J., **Shegog, R.**, Agurcia, C., Kelder, SH, Prokorov, A. Self-reported reasons and methods for quitting smoking among primarily African-American and Hispanic teens. American Public Health Association, San Francisco, Nov. 2003.
- Prokhorov, A. V., Kelder, S. H., Conroy, J., Shegog, R., Murraray, N. G., & De Moor, C. *Do high school students help smokers in their social environment quit?* Abstract presented at the meeting of the 131st Annual Meeting of the American Public Health Association, San Francisco, CA. Nov, 2003.
- Billip, S., **Shegog, R.**, Conroy, J., Kelder, S., Murray, NG., Prokorov, A. Resisting the temptation to smoke: Teen attitudes on what really helps. American Public Health Association San Francisco, Nov. 2003.
- McAlister, A, Shegog, R., Ford K., Meshack, A., Hu S., Peters, R. Headbutt: Description of a computer-based smoking risk assessment program for middle school students. 4<sup>th</sup> Regional Conference on Advances in Teaching and Learning, March, 2003.
- Prokorov, A., Kelder, S., Conroy, J., **Shegog, R.**, Cinciripini, P., Peters, R., Agurcia, C., Luca, M. ASPIRE: Demonstration of a Smoking Prevention Interactive Experience for High School Students. University of Texas Research Day, Nov., 2002.
- Prokhorov, AV, Kelder, SH, Conroy, JL, **Shegog, R.** Smoking Prevention and Cessation CD-ROM Curriculum for High-School Students. National Tobacco and Health Conference, Chicago, IL, 2002.
- Prokhorov AV, Kelder, SH, Conroy JL, **Shegog R**, Murray N, Agurcia-Parker C, Peters R. Smoking prevention and cessation via CD-ROM curriculum for high-school students. Poster presentation. The 2002 National Conference on Tobacco or Health, San Francisco, CA, November 19-21, 2002.
- Prokhorov AV, Kelder SF, Conroy JL, Shegog R, Cinciripini PM, Murray N. CD-ROM-based smoking prevention and cessation curriculum for teens: Developing a theory- and evidence-guided approach. 7<sup>th</sup> International Congress of Behavioral Medicine, Helsinki, Finland, August 28-31, 2002.
- Conroy, JL, Prokhorov, AV, **Shegog, R.**, Kelder, SH., Murray, NG, Luca M. Computer-based smoking prevention and cessation for teens: Using the intervention mapping process for theory and evidence-based multimedia development. American Public Health Association Annual Conference, Atlanta,GA, Nov. 2001.
- 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. The "Stop Asthma" Clinical System: A novel computer-based decision support program for implementation of pediatric asthma management guidelines in Houston community clinics. World Asthma Conference, Chicago, IL., 2001.
- 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. The "Stop Asthma" Clinical System: Description of a

computer-based decision support program for community pediatric asthma management. American Medical Informatics Association Conference, Washington D.C., Nov., 2001.

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., 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. Health 2000, Pediatric Academic Societies Conference, May 12-16, 2000.

**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. Expert rules and decision algorithms for physician training and support in the management of pediatric asthma: A qualitative approach. American Journal of Respiratory and Critical Care Medicine, Vol. 161, No. 3: A268, March 2000. American Thoracic Society Conference, Toronto, March, 2000.

**Shegog, R.**, Bartholomew, L.K., Gold, R., Parcel, G.S., Czyzewski, D. I., Sockrider, M., Fernandez, M., Abramson, S.L. Demonstration of an effective computer-based pediatric asthma self-management training program. American Journal of Respiratory and Critical Care Medicine, Vol. 159, No. 3: A268, April 1999. American Thoracic Society Conference, March, 1999.

**Shegog, R.**, Gold, R., Pierrel, E., Bartholomew, L.K., Parcel, G.S., Sockrider, M., Czyzewski, D. I., Fernandez, M., Abramson, S.L. Theater style demonstration. Self-management for pediatric chronic disease: A description of the Watch, Discover, Think, and Act asthma education CD-ROM. Proceedings of the American Medical Informatics Association Annual Fall Symposium, 1998, 1124.

Bartholomew, L.K., Gold, R., Parcel, G.S., Czyzewski, D., Sockrider, M., Fernandez, M., **Shegog, R.** Developing and Implementing Educational Strategies and Interventions for Controlling Asthma in Inner City and High Risk Populations. University of Texas Faculty Research Symposium, University of Texas, Houston, TX., 1995.

## **ABSTRACTS SUBMITTED**

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Markham, Thiel, Peskin, Shegog, Tortolero. Making the grade: Preliminary psychosocial results from two sexual health education curricula for middle school youth"

**Melissa Peskin, PhD**<sup>1</sup>, Christine Markham, PhD<sup>1</sup>, Shellie Tyrrell, MSW, MPH<sup>1</sup>, Kimberly Johnson, MPH<sup>1</sup>, Ross Shegog, PhD<sup>1</sup>, Robert Addy, MA<sup>1</sup>, Belinda Flores, MPH<sup>1</sup>, Susan Tortolero, PhD<sup>1</sup>. Sexual health education from the perspective of school personnel: Implications for the dissemination of effective programs in middle school. APHA, 2009.

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

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+ *Click*. A multimedia clinic-based education program for HIV+ youth (11-19 years). Module 1 complete 2007. Module 2 in production.

*En Vivo*. A web-based program to provide tailored education to parents to reduce their children's screen time and increase physical activity. In production.

*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.

*All About Youth*. 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. Companion program to It's Your Game (below). Production on 7<sup>th</sup> grade complete 2006; 8<sup>th</sup> grade pending 2007.

*Booster Break*: Video-based exercise program for worksites. Video designed for real-time use in worksites to encourage improved flexibility and energy. In production: 2004 thru 2005 ongoing.

*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. Produced 2004.

*It's Your Game: Keep It Real*. A multimedia HIV, STI, and pregnancy prevention program for middle school students. Produced 2002-2004.

*Peacetest.org*. A web-based risk assessment and remediation program for violence prevention. Produced 2003-2004.

*ASPIRE: A Smoking Prevention Interactive Experience*. A multimedia smoking prevention and cessation program for high school students. Produced 2000 - 2002.

*HeadButt*: An internet smoking risk assessment and intervention for middle school children. 2000 - 2002.

*Stop Asthma Clinical System*. A computer-based decision support program for pediatric asthma management. Produced 1997-1999.

*Watch, Discover, Think and Act.* A multimedia CD ROM program to help children to learn to self-manage asthma. Older Child Version, 1993-1996; Younger Child Version, 1998.

## **TEACHING**

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### Courses Taught

Co-instructor. Foundations of Public Health Informatics Course. HI 5001. Spring, 2004; Spring 2008; Fall, 2008.  
Co-instructor. Social and Behavioral Aspects of Community Health. PH1110. Fall, 2007; Fall 2008.

### Training Programs

Review Panel Member. Reviewed 5 candidates for AHRQ Training Program for Patient Safety and Quality. Aug. 1<sup>st</sup>, 2008.

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 Todd Johnson, Oct., 2007. Application to fund informatics students. Approved March 31, 2008.

Co-investigator. Research Training in Biomedical Informatics Institutional Grant. NLM. PI Jaijie Zhang, March 2006. Application to fund approximately 20 fellows in public health informatics.

Co-convener. Yoga for Positive Health: An International Conference and Workshop, University of Houston. Houston, Texas, March 2-7, 2002.

Convener. Seminar on Stress: Foundations and Yogic Perspectives on Therapy, University of Texas School of Public Health, March, 2002.

CME accreditation for primary care physicians and specialists: "The Stop Asthma Clinical System" for asthma management. Fall 2001. Baylor College of Medicine, Texas Children's Hospital, Texas Medical Center, Houston Texas. Co-instructors: Stuart Abramson MD, PhD., Marianna Sockrider, MD, DrPH, Susan Pilney, MA.

Interactive Health Communication: Some Issues and Development Principles. Invited lecture, University of Texas Center for Health Promotion and Prevention Research Intervention and Evaluation Core, May, 2002.

Training of project coordinators and research assistants in protocols for computer-based intervention development, outcome evaluation, data collection, and analysis in community-based intervention trials. Conducted for project coordinators, research assistants and project team members in research projects including *NHLBI Contract No. N01-H0-39220*; NIAID Grant No. R18 AI37982; NIAID Grant No. R18 AI37982, NIH NCI Grant #RO1 CA81934), NCI R01 CA86295, and NIMH R01 MH66640. 1997 ongoing.

### Guest lectures

Behavioral theory for learning environment design. HI 5340 Introduction to Learning Environment Design, Sept. 10<sup>th</sup>, 2009.

Application of behavioral theory in the development, implementation, and evaluation of games for health. Houston Serious Games research Consortium. Houston, June 29, 2009.

"Wired" Teens: A Mash-up. UT Prevention research Center Summer Course 2009: Adolescent Sexual Health. Houston, June 15-18, 2009.

Application of computer technology for health behavior change. Residential school for MPH students. University of West Indies, Trinidad, Dec 18-21, 2007.

Application of Information Technology for Behavioral Change. Broken Hill Health Department, Aug, 2007

Application of behavioral theory in the development, implementation, and evaluation of computer-based applications for health promotion and disease prevention. Classes include: Practice in Health Behavior Change (ITVH 1498), Instructor Scott Walters, April, 2004, 2005, 2006, Feb 2007, March 2008, March 2009. Health Promotion Theory and Methods I (PH1111), Nov 2004, 2005; Oct, 2007; Nov 13, 2008. Communication for Health Promotion (PH1498), Instructor Alfred McAlister, Feb 2006. Social and Behavioral Aspects of Community health (PH1110), Instructor Wendell Taylor, Oct, 2006. Introduction to Learning Environments in Health Sciences (HI5340), Instructor Cynthia Phelps, Sept 17<sup>th</sup>, 2007. Advanced methods in intervention development (Intervention Mapping). "Application of methods and strategies in intervention development". Instructor Kay Bartholomew, March, Oct. 2006; March 2007; Nov. 2008.

Review panelist for student proposal presentations. PH1235. Social and behavioral aspects of physical activity and public health. Instructor Wendell Taylor. 2003-2005.

Prevention and management of pediatric asthma. PH2998. Epidemiology of child and adolescent Health. Instructor Steven Kelder. Spring, 2003.

"Aspiring to ASPIRE: Using intervention mapping in the development of a smoking prevention and cessation program for high school students". Vernon research team, CHPPR, Spring, 2003.

Intervention Mapping for Project ASPIRE. Invited lecture, Intervention Mapping Course, PH7120 Advance Methods in Health Promotion. 18 students. UTSPH, Fall, 2002.

Developing public health interventions. PH 4715 Public Health Microbiology 1 (inst. Cynthia Chappell), Fall 2005.

Supervisory teaching

*Supervisory Committees*

DOCTORAL

<u>Name</u>	<u>Degree</u>	<u>Dissertation Title</u>	<u>Completion Date</u>
Al-Amari, Eman	DrPH	Practices and Attitudes Differences in Physicians' Cigarettes Use: A study of Prevalence, Physicians' Role, and Smoking Policy Awareness. Dubai. UAE	Pending
Englehardt, Joan	PhD	Pending	Pending
Chandwani, Kavita	DrPH	Pending	Pending
Husain, Tasneem	DrPH	Improving the health and well-being of women at risk for neural tube defect recurrence: A holistic approach.	May, 2009

MPH

<u>Name</u>	<u>Degree</u>	<u>Thesis Title</u>	<u>Completion Date</u>
Brown, Anthony	MPH	Knowing your higher power: A seven-week spiritual involvement intervention for twelve-step substance abuse treatment.	May, 2006
Mowry, Melanie <i>Thesis supervisor</i>	MPH	Impacting Knowledge and Attitudes Toward Biology in High School Students: Pilot Test of the Heads-Up "Virtual Molecular Biology Lab."	May, 2007
Juliano, Melissa	MPH	Assessing the fun in serious games: Formative evaluation of two diabetes prevention interventions.	Pending
Richards, Jerry	MPH	A cross-sectional analysis of physical activity and obesity in inner-city Houston Texas Mexican American youth.	May, 2008
Mary Gaspers	MPH	Healthcare Provider Perspectives on Parental Refusals	May, 2008
Christina Leila Sahni	MPH	Cost Analysis of Immunization Registry Consent	Pending
Trinity Horton	MPH	Pending	Pending
Kelley Ross	MPH	Pending	Pending

*Advisory Committees*

DOCTORAL

<u>Name</u>	<u>Degree</u>	<u>Dissertation Title</u>	<u>Completion Date</u>
Agurcia, Carolyn	PhD	An investigation into the relationship between screen time consumption of advertised foods and physical activity among elementary school children.	May, 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 2 <sup>nd</sup> and 4 <sup>th</sup> grade children.	May, 2008
Shelia Rice	DrPH	An Internet Study of Men Who Have Sex With Men.	May, 2008
Velandra German	PhD	An examination of spirituality, self-efficacy, and smoking cessation among adults in Houston, TX.	Pending
Devin Volding	PhD	Pending	Pending

MPH

<u>Name</u>	<u>Degree</u>	<u>Thesis Title</u>	<u>Completion Date</u>
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.	May, 2005
Porter Anne	MPH	A Needs Assessment of Perioperative and Long-Term Beta-Blockade in Cancer Patients Undergoing Surgery	May, 2006

Resnick, Melissa	MPH	Dogs as Sentinels for Human West Nile Virus Infection in Houston, TX- A Prospective Seroprevalence Study	May, 2006
Mugartegui, Lillian	MPH	Genetic Polymorphism of Insulin-like Growth Factor-1 and Risk of Differentiated Thyroid Cancer: Retrospective Case Control Study.	May, 2007
Agnihotri, Shutri	MPH	Pending	Pending
Gutierrez, Esperanza	MPH	Evaluation of a case management intervention to improve the compliance of patients treated in the emergency room of a private hospital of El Paso with physician's recommendations.	Pending
Barbee, Gary	MPH	Investigation of the acute and chronic toxicity of pharmaceuticals and personal care products as aquatic environmental pollutants.	Pending
Emily Amanda Bettis	MPH	Diethylstilbestrol-Adenosis (DESAD) Hysterosalpingogram Study.	Dec., 2008
Abigail Youens	MPH	Finding the seroprevalence of rickettsial infections in shelter dogs in Harris County.	May, 2009

### Traineeships

<u>Name</u>	<u>Degree</u>	<u>Thesis Title</u>	<u>Completion Date</u>
Aisha Siddiqui	PhD	Using self-monitoring technology in improving patient behavior.	Pending

## **EDITORIAL AND REVIEW ACTIVITIES**

### Journal reviewer

Ad hoc reviewer for:

- American Journal of Health Promotion, 2004 (n=2); 2005 (n=4); 2006 (n=3); 2007 (n=2); 2008 (n=4); 2009 (n=1)
- European Respiratory Journal, 2002 (n=1).
- Health Education Research, 2006 (n=1).
- Journal of Addictive Behaviors, 2006 (n=1); 2008 (n=1).
- J. Adolescent Health, 2006 (n=1)
- Journal of Health Care for the Poor and Underserved, 2005 (n=1).
- J. Health Communication, 2007 (n=1); 2008 (n=1).
- Journal of Medical Internet Research 2008 (n=1)
- Journal of Peace Research, 2005 (n=1).
- Journal of Preventive Medicine, 2002 (n=1); 2003 (n=2); 2004 (n=2).
- Social Science and Medicine, 2007 (n=1); 2008 (n=1).
- Social Science Quarterly, 2005 (n=1).
- Vulnerable Children and Youth Studies, 2008 (n=1)

### Grants panel reviewer

NIH literacy review panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B 50, March 12-13, 2009.

NIH RPHB C-10 SBIR Review Panel, Risk Prevention and Health behavior Across the Lifespan, February 26-27, 2009.

NIH literacy review panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B 50 June 13, 2008.

NIH literacy review panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B 50 Nov., 7-9, 2007.

NIH literacy review panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B 50 March 15-16, 2007.

NIH literacy review panel Special Emphasis Panel/Scientific Review Group ZRG1 RPHB-B (51) (S) March 13-15, 2006.

NIH Integrated Review Group. Reviewed R01 applications for the Risk, Prevention and Health Behavior (RPHB) Integrated Review Group (Council ZRG1 RPHB-J (04). July, 2005.

British Medical Research Council. Grant referee for a submission to the British Medical Research Council - Evaluation 240774 of G0500091. April, 2005.

NIH. Health Literacy Small Grant Applications Reviewed small grant applications 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). March, 2005

NIH Agency for Health Care Research. Health Information Technology Special Emphasis Panel. Grant review (n=11) for technological innovation in health care. July, 2004.

NIH Oral, Dental, and Craniofacial Sciences SBIR/STTR (Small Business and Technology Transfer Grants) Special Emphasis Panel ZRG1 ODCS(10)B, 2003.

CDC Special interest projects, Center for Disease Control Prevention Research Center Special Emphasis Panel. June, 2002.

ESGAA: Expert Subcommittee on grant applications and awards, Health Services Research Committee, Hospital Authority Building, Kowloon, Hong Kong, 2001.

#### Conference abstract reviewer

Chair, Scientific Review Committee for Teaching and Learning Regional Conference, Aug 17<sup>th</sup>, 2008.

Chair, Scientific Review Committee for Teaching and Learning Regional Conference, May 17<sup>th</sup>, 2007.

Chair, Scientific Review Committee for Teaching and Learning Regional Conference, May 18<sup>th</sup>, 2006.

Member. Scientific Review Committee. 5<sup>th</sup> Annual Advances in Teaching and Learning Conference, April 2005.

Member, Scientific Panel. American Medical Informatics Association Annual Meeting. Reviewed 8 papers for scientific merit. April, 2005.

Member. Scientific Review Committee. 5<sup>th</sup> Annual Advances in Teaching and Learning Conference, Feb. 2004. 2005.

#### Faculty/promotions reviewer

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. Reviewed 33 annual reports. Jan., 2007.

Member. Academic Promotions Committee. Reviewed an application for promotion of UT SHIS faculty member to full professor. Sept. 2004

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. Reviewed 125 annual reports. Jan., 2005.

Member, Tenure Review Panel for Associate Professor, School of Health Information Sciences, University of Texas, 2002.

#### Community Services Reviewer

Reviewed and judged screenplays (n=5) in conjunction with "Scenarios USA" for "Whats The Real Deal About Masculinity", a national writing contest for adolescents. Feb, 2008.

Proposal and film script review: "HIV/AIDS: Our Problem Our Solution". Triple Diamond Productions. Oct, 2007.

Proposal review: "Health from the Perspectives of Shamanism, Ayurveda, Traditional Chinese Medicine, and Contemporary Vibrational Paradigms". Catherine Osterbye. Oct, 2007.

### **SERVICE**

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Member. Serious Games Initiative Committee, University of Texas (UT) System, March 4, 2008, April 21, 2008.

Planning assistant for "Health of Texas" open house event at the University of Texas School of Public Health, Feb. 19<sup>th</sup>, 2008.

Member of and UTSPH representative on the Information Technology Governance Council Research Subcommittee, 2005-2008.

Member, UTSPH Behavioral Sciences Student Admissions Committee. 2004 ongoing. Reviewed 56 application packets in 2005. Represented BS division at UTSPH admissions committee, March 10, 2006.

Member, Expert Advisory Counsel. The Brutal Truth Project – a comprehensive educational media approach to violence prevention, 2004 - 2006. The Brutal Truth: Protecting the Family from Violence premiered on PBS, Channel 8, on April 13, 2006.

Member – Teaching and Learning Day Planning Committee. Represent UTSPH in assist in decisions regarding location, times, speakers, and committee structure. 2005

Member, Division of Behavioral Sciences Website Review Group. Reviewing content, structure and function of the behavioral science website, 2005.

Technical advisor. Provided technical expertise on the development of a public service announcement on the health effects of tobacco. This PBS aired on Fox TV in March, 2005. March, 2005.

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 and judged screenplays in conjunction with "Scenarios USA" for "Whats The Real Deal", a national writing contest for prevention of sexually transmitted disease and pregnancy videos for adolescents. Feb, 2004.

Presenter. Biology class, Kincaid High School. Lecture & demonstration on changing behaviors with computers and media effects on sexual behavior May, 2004.

Presenter - River Oaks Elementary. Demonstrated and discussed smoking prevention and cessation. Oct. 2004.

Reviewer. Reviewed grant applications for a community non-profit organization, "Child Builders", 2004.

Member (ad hoc), UTHSCH Research Conflicts of Interest. Reviewed and advised on a conflict of interest case related to educational technology. May, 2004.

Member, Health Promotion Committee, Center for Health Promotion and Prevention Research, 2003.

Member, Committee for Steps to a Healthier Houston/Harris County. A consortium formed seek funding through the Steps Toward a Healthier US Initiative to target and impact high priority health needs within Harris County. 2003 ongoing.

Preceptor for Girl Scout Troop 693 for completion of CyberGirlScout Badge, Pearland, TX., Dec 6, 2002.

## **CONSULTATIONS**

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Aug, 2007      Project Title: Curbing Tobacco Use in Suburban and Rural Schools. P.I.: Alex Prokhorov. Source of support: National Institutes of Health. Subcontract total direct costs for five years is \$114,995. To develop, implement, and evaluate a computer-based smoking cessation intervention tailored for rural schools.

Aug, 2002      Internet application development for smoking cessation for university students. University of Minnesota

Nov., 2001      Program materials review: Tobacco Free High Schools: A Student Marketing Approach.

## **PROFESSIONAL ASSOCIATIONS**

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International Society for Behavioral Nutrition and Physical Activity  
American Public Health Association  
Society for the advancement of learning technologies (Expired)  
Member, Houston Serious Games Consortium.

## **SPONSORED RESEARCH**

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Since joining the UTSPH Center for Health Promotion and Prevention Research in 2000 I have been involved in the submission of 22 grants submissions for external funding (principally in the role of co-investigator), totaling in excess of \$42.5 million (approximate total costs). Of these, 7 have been funded at a total value of over \$7 million.

### **(1) Previous grant support**

- July '06 – June '08 (orig 2007)    Project Title: Feasibility of a Virtual World prototype to enhance self-management skills training for HIV-positive youth.  
Award Number: Center For AIDS Research (CFAR), Baylor small grant. (Chris Markham PI)  
Total Direct Cost: \$45,000  
Co-investigator (10% commencing Jan, '07)  
Computer-based intervention to enhance HIV management in a pediatric population.
- Feb. '99 – Apr. '07    Project Title: Innovative Smoking Cessation Program for College Students.  
Source of support:: National Institutes of Health  
Award number: 5R01 CA069425-06  
Total Direct Cost: \$398,470  
Co-investigator (8%)  
Using the motivational interviewing technique and health status feedback (respiratory symptoms, lung function, heart rate, and CO in expired air) to induce and accelerate progression through the stages of readiness to quit smoking among 4-year university students.
- Sept. '02 – June '07    Project Title: HIV/STD prevention program for middle school students.  
Source of support:: National Institutes of Mental Health  
Award number: NIMH R01 MH66640 (Tortolero-PI)  
Total Direct Cost: \$493,532 (per year, direct costs), \$2,815,864 (total direct cost for program period).  
Co-investigator (10%)  
Conceptual design, development, and evaluation of a theoretically-based, multi-component HIV/STD prevention curriculum for middle school students including computer-based lessons.
- Jan. '06 – Dec. '06    Project Title: Bridging and Near Miss Grants Program  
Source of support: University of Texas School of Public Health  
Award Number: NA  
Total Direct Cost: \$32,589  
PI (37%)  
Bridge money to complete resubmission and continued submission of grant applications.
- Sept '99 – Sept '05    Project Title: Healthy Passages: A Cohort Study of Adolescent Health.  
Source of support: Center for Disease Control and Prevention, SIP 27-99 (TPRC SIP 0304) (Tortolero-PI)  
Award number:  
Total cost: \$3,000,000  
Co-investigator (5%)  
A Community-Based Longitudinal Study of Adolescent Health examining the developmental path of health risk behaviors and adverse health outcomes in a group of youth followed from 8 to 20 years of age. To examine developmental pathways of health risk and protective behaviors and health outcomes in a combined cohort across three sites of African-American, Hispanic, and Caucasian youth followed from 10 to 20 years of age.  
\$7,185,908.
- July '00 – June '04    Project Title: Teenage smoking cessation CD\_ROM.  
Source of support:: National Institutes of Health/National Cancer Institute  
Award number: NIH NCI Grant #R01 CA81934  
Total Direct Cost: \$65,357 (subcontract) Total project is \$1,905,793  
Co-investigator (30%)  
Conceptual design, development, and evaluation of a smoking cessation/prevention curriculum for high school students.
- May '00 – April '04    Project Title: Texas Multi-Cultural Regional-Community Tobacco Studies  
Source of support:: National Institutes of Health/National Cancer Institute  
Award number: NCI R01 CA86295  
Total Direct Cost: \$1,061,078  
Co-investigator  
Conceptual design, development, and evaluation of a smoking risk assessment intervention for middle school students. This project is designed to provide evidence of effects of anti-smoking expenditures to justify later funding of more intensive tobacco control activities for the entire state.
- Aug '97 – July '02    Co-investigator/Project Director
- CV\_Shegog\_04\_01\_09



This study will examine the impact of a multi-component family-based intervention to reduce screen-time habits and increase physical activity among 2nd and 3rd grade students in Brownsville, Texas. The study design will consist of a randomized controlled trial conducted in 6 elementary schools.

12/01/08 – 11/30/13 HIV, STD, and Pregnancy Prevention Program for Puerto Rican Middle School Students.  
Source of support: NIH  
Total Direct Cost: \$670,050.80 (per year, direct costs), \$3,350,240 (total costs for program period).  
PI: Escobar-Chaves  
Co-investigator (20%)  
Submitted July, 2008; *not funded*.

11/08 – 10/09 Heading West For Success. Can An Innovative, Evidence-based Middle School Pregnancy and STI Prevention Curriculum Work At the Border  
Source of support: Paso del Norte Health Foundation  
Total Direct Cost: \$80,653 (total costs).  
PI: Escobar-Chaves  
Co-investigator (5%)  
Submitted Sept. 22<sup>nd</sup>, 2008; *not funded*.

Co-Investigator. PI - Deanna Hoeschler. CATCH eKid's Club: A web and group-based after-school obesity prevention program. NIH NIDDK R21. Two year. Direct costs \$275,000. Previous reviewer score (R01): 231. Resubmitted June 5, 2007. *Not funded*. Resubmitted June 17, 2008. *Not funded*. Resubmitted March, 2009. *Pending*.

Co-Principal Investigator. Co-PI Melissa Peskin. Web-based classroom middle school sexuality curricula: Aspiring for reach and impact. R01 application comparing three treatment arms of computer-based, classroom, and usual care conditions. Submitted May 7<sup>th</sup>, 2008. Total budget \$2.5 million. *Not funded*. *Unscored*. To be resubmitted May, 2009.

Co-Investigator. PI – Christine Markham. Web-based training to enhance self-management skills among HIV-positive youth. An R21 application to develop a web-based behavioral intervention for use in clinics that targets medication adherence, sexual risk behavior, and disclosure in HIV+ youth. Submitted May 7<sup>th</sup>, 2008. Total cost \$275,000. *Not funded*. *Unscored*. Resubmitted Jan. 2009. *Unscored*.

Co-Investigator. PI – Lilliana Escobar. Culturally Appropriate Research to Prevent HIV Transmission and Infection in Young People (R01). RFA-NR-07-003. Submitted Dec 1, 2006. *Not funded*. Resubmitted for Puerto Rican sample 2007. *Not funded*. Resubmitted May 7, 2008. *Not funded*. *Unscored*.

Principal Investigator. Computer gaming strategies to impact the health behaviors of adolescents and their peer networks. Robert Wood Johnson Foundation. Submitted Jan., 29, 2008. *Not funded*.

Co-Investigator. PI – Nancy Murray. Improved child health outcomes through a brief motivational intervention to enhance parenting capacity. (R01). PA-07-061. Funding source NIH. Submitted Sept, 2007. *Not funded*. *Unscored*.

Co-Investigator. PI – Deanna Hoeschler. A multimedia/physical activity after-school program for obesity prevention. NIH NIDDK R01 Direct costs \$2,500,000. Previous reviewer score: 231. Resubmitted June 5, 2007. *Not funded*.

Principal Investigator (10%). CCTS Pilot Project Award for Clinical & Translational Research. Source of support: Center for Clinical & Translational Research. Direct costs 50,000 used within 2 years of the award. Submitted May 31<sup>st</sup>, 2007. *Not funded*.

Principal Investigator (30%). New Innovator Awards Program (DP2) – Pediatric Asthma Self-Management & Monitoring: “Virtual” to real World Application. Source of support: NIH. Direct costs 1.5 million (\$300,000 / year) Sept, '07 – Aug. '11. Submitted May 22<sup>nd</sup>, 2007. *Not funded*.

Co-investigator. Tortolero/Markham-PI - HIV/STD prevention program for middle school students. Continuation application. Source of support: National Institutes of Mental Health. To follow It's Your Game middle school cohort for another year. Submitted 2006. *Not funded*.

Co-Investigator (2%) Taylor, W. Booster Breaks: A 21<sup>st</sup> Century Innovation To Improve Worker Health and Productivity. An R03 application to develop, implement, and evaluate a prototype activity break program for the workplace. Submitted Dec, 2006. *Funded*.

Principal Investigator (25%) **Shegog, R.** Use of computer multimedia technology to develop a theory-driven, interactive chronic disease self-management program for adolescents with epilepsy. The goal of the project is to design, implement, and evaluate a computer-based epilepsy self-management program for clinic and community use. Submitted to NIH NINDS, 06/01/06. Dates of Funding: 04/01/07 - 03/31/08. Total Costs: \$380,000. *Not funded*.

Principal Investigator (20%) **Shegog, R.** HealthScape: An Online Parenting Intervention for a Clinic-based Population. Response to PA-06-098. A 2-year R21 application to develop and evaluate an on-line health education program to improve family-focused parent

involvement and communication. Submitted Feb. 1, 2006 to National Institute of Child Health & Human Development, NIH. Total direct 275,000. *Not funded.*

Co-investigator (20%) Kelder, S. - PI NIH 07/01/05 - 06/30/10 Middle School CD-Rom Tobacco Prevention and Cessation The goal of the project is to design, implement, and evaluate a CD-ROM tobacco prevention and cessation program for Middle school students. Total direct cost for project is \$2,424,322. Year 1 cost \$484,864. *Not funded.*

Co-investigator (15%) Kelder, S. - PI NIH - M.D. Anderson (Alex Prokhorov) 12/01/04 - 11/30/09 Curbing Tobacco Use in Rural School To construct survey instruments and develop protocols and procedures for intervention development and pilot testing, recruitment of the study population, data collection, tracking of study participants, and data management and data analysis. Year 1 funding \$39,959. *Not funded.*

Principal Investigator (0%) Shegog, R. Testing Innovative Computer-based Strategies for Adolescent Health Education. This application proposes pilot studies to evaluate (1) the impact of a computer-based educational program based on a 3-dimensional virtual world architecture to impact determinants of health behavior; (2) the feasibility of using computers to identify existing peer-networks for on-line group-based learning; and (3) the feasibility of providing a synchronous multi-user interface as a context for computer-based health education programs. Submitted for internal funding through the PRIME award, 2005. Total direct cost: 50,000. Score: 2.02, *not funded.* Resubmitted through Behavioral Science Division for internal funding, Jan. 2006. *Not funded.* 2007. *Funding recinded.*

Principal Investigator (25%) Shegog, R. Use of computer multimedia technology to develop a theory-driven, interactive chronic disease self-management program for adolescents with epilepsy. The goal of the project is to design, implement, and evaluate a computer-based epilepsy self-management program for clinic and community use. Submitted to CDC SIP, 06/14/05. Dates of Funding: 08/01/05 - 07/31/07. Total Costs: \$400,129. Direct costs: \$283,288. Score 229, *Not funded.*

Co-investigator (25%) Boerwinkle, E. The University of Texas Center for Genomics and Public Health. Submitted to NIH, Summer 2004. 25% effort. \$2,178,197. Center for consolidating expertise and disseminating training and education to practitioners and general public. *Not funded.*

Co-investigator. PI Deanna Hoeschler - A Multimedia/Physical Activity After-School Program for Obesity Prevention. A multimedia/physical activity obesity prevention program for the after-school setting that includes group-led physical activities coupled with a CD-ROM instruction and parent activities. National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health. Submitted 1/25/05. Direct costs:\$2,497,783. Score: 231, *not funded.*

Co-investigator. PI Unto Pallonen – Increasing recommended oral health behaviors in underserved populations. Submitted as a Special Interest Project to CDC, Spring 2004. 20% effort. *Not funded.*

Co-investigator. PI Carl de Moor – Computer-adaptive testing. Submitted Spring, 2004. 20% effort. *Not funded.*

Co-investigator. PI Unto Pallonen – Tobacco cessation counseling for dental students. Submitted to NIDCR, Spring 2004. 20% effort. *Not funded.* to NIDCR, Spring 2004. To develop, implement, and evaluate a dental school curriculum to enhance the effectiveness of dentists in impacting the smoking behavior of their patients. 12/01/04 - 11/30/07 Year 1 cost \$336,554. 25% effort. *Not funded.*

Co-investigator. PI Christine Markham – HIV and drug use prevention in alternative school youth. Submitted to NIMH, Spring 2004. To develop, implement and evaluate an integrated HIV and substance use prevention program for early adolescent alternative school youth, an understudied and highly vulnerable adolescent population 25% effort. 10/01/04 - 09/30/09 Total direct cost \$432,527. 25% effort. *Not funded.*

Co-Investigator. *Internet-based Smoking Cessation Among Young Adults.* Originally submitted as one of the RO1 components of The University of Texas Center for Excellence in Cancer Communication Research (UT-CECCR) A systematic Approach to Theory- and Evidence-Based Cancer Communications (SATECC). Resubmitted as an R01 through National Cancer Institute. Submitted to NCI June, 2003. *Not funded.*

Co-investigator. *Middle School-Based Trial for Diabetes Prevention – Texas Field Site.* The specific aims of this study are to determine whether a 3-year (6<sup>th</sup> to 8<sup>th</sup> grade), multi-component, school-based intervention decreases risk factors for type 2 diabetes. Submitted to the National Institute for Diabetes and Digestive and Kidney Diseases. Submitted 2003. *Not funded.*

Co-investigator. *CVD Risk Factor Gene-Diet Interactions in Hispanic Youth.* Submitted to the National Heart, Lung and Blood Institute, NIH (Hoelscher, DM (Principal Investigator). The purpose of this grant was to conduct genome-wide linkage analysis in Mexican-American sib-pairs and their families who have participated in a TLC dietary intervention to identify: (1) genes that influence plasma lipid levels, (2) genes that influence responsiveness to dietary intervention and (3) gene-diet interactions that influence plasma lipid levels. \$9,412,927 total costs (\$6,487,018 total direct costs) over four years. *Not funded.*

Co-Investigator. *Trials Assessing Innovative Strategies to Improve Practice Through Guidelines of an Intervention to Assist Pediatric Clinicians in Delivering Asthma Therapy to Match Severity.* Baylor College of Medicine/National Heart Lung and Blood Institute, Grant 2002-2007; Total Direct Cost: \$2,500,000. *Not funded.*

Co- Investigator. *Internet-based Smoking Cessation Among Young Adults.* Submitted as one of the RO1 components of The University of Texas Center for Excellence in Cancer Communication Research (UT-CECCR) A systematic Approach to Theory- and Evidence-Based Cancer Communications (SATECC). National Cancer Institute Grant. 2002 –2007; Total Direct Cost: \$5,000,000. *Not funded.*

Co-Investigator. *The University Of Texas Center for Excellence in Cancer Communication Research.* Submitted to the National Cancer Institute, this is a program project with three separate RO1 projects and three core components (administrative, intervention, and design and analysis). I am a co-investigator for one RO1 project (below) and for the intervention and evaluation core. Total project costs over five years is \$11, 761,002. *Not funded.*

## ARTS AWARDS AND ACCOMPLISHMENTS

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- Graphic design for Proyecto Shilo research project on norms of immigrant Latino male laborers (PI Fernandez), Oct. 2008.
- First place in talent show for "Irochoca" 7 minute movie trailer, University of Texas School of Public Health, April, 2008.
- Houston Rodeo "Boot Scoot" fiberglass boot design entitled "Snake Skin Boot". Displayed at the City Hall reflection pool, March, 2007. [http://www.hlsr.com/wh/wh\\_bootscoot.aspx](http://www.hlsr.com/wh/wh_bootscoot.aspx)
- Infection containment facility poster graphics (series of 6 water-color designs). Texas Children's Hospital, 2005.
- Asthma Management Mission Quest. An illustrated epic poem on asthma management with a Gothic horror twist. Unpublished draft completed 2005.
- Sketches of stylized jogging roadrunners for River Oaks Elementary Fun Run T-shirts and promotional flyers, 2005. Original sketches auctioned for the school.
- Full length feature film Irochoca script development complete (1997-2000). Production commenced (2001 – present).
- Lions Soccer Club Logo design for jerseys, back packs, and club directory, 2003.
- Developed graphic Armadillo mascot and script for Headbutt, a web-based smoking prevention intervention and script, 2000-2002.
- Houston Cow Parade entrant "I'm Houston Cowed" designed and produced April – Sept, 2001. On display at Greenway Plaza Sept. – Nov. 2001. On display in Texas Children's Hospital food hall (2001 – present).
- Series of 5 mixed media paintings on canvas completed for private collection (1998 – 2001).
- Screen map development. interface design, and graphic development for Stop Asthma, a computer-based decision support / expert system for pediatric asthma management. Funded by the NHLBI, 1997 - 1998.
- Logo for the University of Texas Institute for Molecular Medicine Gene Knockout Core Facility (1997).
- Screen map development. interface design, graphic development for Watch, Discover, Think, and Act, a computerized asthma educational game. Funded by the NHLBI (1995).
- Award of Merit. Interpretations '95 Art Show, Baylor College of Medicine, for "Bristling", a 16mm film.
- Rattlers Soccer Club Logo designed for jerseys (1994).
- Produced, directed, filmed, and composed dialogue and musical score for "Bristling", an 8 minute 16mm black and white film (1994).
- Illustrated book based on "The Way of the Coop" completed. Unpublished draft, 1997.
- Winner of nation wide play write competition conducted by University of St. Thomas. The play, "The Way of the Coop", was performed at the University of St. Thomas in 1993.
- A 10 minute play, "Of Pistols and Pan Flutes" completed 1993.
- Produced, directed, and wrote the annual graduation skits at the University of Texas School of Public Health (1992-1995).
- Designed publicity flyer for performance of "As Is", a play by William M. Hoffman, 1992. Proceeds of the production benefited Milam House, a hospice for HIV sufferers.
- Music slide show "Moonlighting" produced (1991)
- Film script, "Bach Chal" completed (1991)
- Beauty and the Beast episode script completed (1991)
- Star Trek film script completed (1991)
- A collection of poems and pen and ink musings, "Journeys in my Mind", completed (1991).
- Award of excellence for pen and ink sketch entitled "Genesis". Interpretations '91 Art Show, Baylor College of Medicine.
- Two watercolor paintings sold. Grenfell Art Show, N.S.W., Australia, 1986.