
CURRICULUM VITAE

Christina R. Studts, Ph.D., L.C.S.W.

BIOGRAPHICAL INFORMATION

Work Address &

Contact Information: 335 Bowman Hall
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License: L.C.S.W., Kentucky (#1424, since 5/2000)

EDUCATION

- 05/12 M.S., Biostatistics, Department of Bioinformatics and Biostatistics, School of Public Health and Information Sciences, University of Louisville
Thesis: *Utility of a goodness-of-fit index for the Graded Response Model with small sample sizes: A Monte Carlo investigation*
- 04/08 Ph.D., Social Work, Kent School of Social Work, University of Louisville
Dissertation: *Improving screening for externalizing behavior problems in very young children: Applications of item response theory to evaluate instruments in pediatric primary care*
- 05/97 M.S.W., University of Kentucky
- 05/93 B.A., Psychology (With Honors), University of Notre Dame

EMPLOYMENT

- 08/13-present Assistant Professor, Regular Title Series, Department of Health Behavior, University of Kentucky College of Public Health
- 07/08-07/13 Assistant Professor, Research Title Series, Department of Behavioral Science, University of Kentucky College of Medicine
- 05/04-09/05 Clinician/Clinical Supervisor, FORECAST, University of Louisville Kent School of Social Work
- 07/01-07/03 Senior/Principal Social Worker, Seven Counties Services, Inc., Louisville, KY
- 07/00-07/01 Clinical Social Worker, Duke Children's Primary Care, Duke University Medical Center, Durham, NC
- 05/97-06/00 Clinical Social Worker/Program Director, Bluegrass Regional MH/MR Board, Lexington, KY

GRANT SUPPORT

Current Support

R44 DE021327-02 (J. Studts & Reynolds, PIs) 12/01/2013 – 11/30/2015

NIH/National Institute of Dental and Craniofacial Research

QuitAdvisorDDS: A Point-of-Care Tobacco Cessation Tool for Dental Settings

This study will examine the effects of implementing a novel tobacco cessation tool, designed to be delivered by dental providers to their patients, in a dental practice research network.

Role: *Co-Investigator/Biostatistician*

UL1TR000117 (Kern, PI) 10/01/2013 – 03/31/2015

NIH/National Center for Advancing Translational Sciences

Community Engagement Pilot Project (Studts, PI)

University of Kentucky Center for Clinical and Translational Studies

Preventing Conduct Disorder: Valuing Parent & Provider Perspectives in Appalachia

In collaboration with the Center of Excellence in Rural Health in Hazard, Kentucky, this project will develop a Community Advisory Board focused on early childhood mental health and obtain novel pilot data about parent and provider preferences for delivery of evidence-based child behavioral interventions in under-served, rural Appalachian counties.

Role: *Principal Investigator*

KLCRP (J. Studts & Valentino, PIs) 04/01/2013 – 03/31/2015

Kentucky Lung Cancer Research Program

Optimal Smoking Cessation Strategy as Therapeutic Intervention in Lung and Head & Neck Cancers

This study will implement the innovative multiphase optimization strategy (MOST) to develop a multicomponent smoking cessation intervention for newly diagnosed patients with lung or head and neck cancer.

Role: *Co-Investigator/Biostatistician*

8KL2TR000116 (Studts, PI) 07/01/2012 – 06/30/2015

NIH/National Center for Advancing Translational Sciences

Kentucky Center for Clinical and Translational Science

Development of an Ultra-Brief Screening Tool for Disruptive Behavior Problems in Preschoolers: First Step Toward a Clinical Intervention in Primary Care

This CTSA KL2 Career Development Award supports 85% of my time for training, mentorship, and research. The research aims to develop and validate an ultra-brief screening tool for use with young children in primary care who exhibit disruptive behavior disorders.

Role: *Principal Investigator*

SM059561 (Fulcher, Project Director) 10/01/2009 – 12/31/2013

SAMHSA/Center for Mental Health Services

Pennyroyal Center Comprehensive Health Care

This longitudinal study will investigate the effectiveness of implementing primary health care services for seriously mentally ill adults within a community mental health care setting.

Role: *Evaluator*

Pending Support

R21 CA173880 (J. Studts & Byrne, PIs) 01/01/2014 – 12/31/2015

NIH/National Cancer Institute

Development and Feasibility Testing of a Lung Cancer Screening Decision Aid

Under review (Just In Time information requested)

Role: *Co-Investigator/Biostatistician*

R34 (Rush, PI)

09/01/2014 – 08/31/2017

NIH/National Institute on Drug Abuse

Cocaine-Based Inhibitory-Control Training for Reducing Cocaine Use: A Pilot Trial

Under review

Role: *Co-Investigator/Biostatistician*

R21 (Reynolds, PI)

09/01/2014 – 08/31/2016

NIH/National Cancer Institute

Dimensions of Impulsive Behavior and BMI Status in Rural Appalachian Adolescents

Under review

Role: *Co-Investigator/Biostatistician*

R01 (Stoops, PI)

09/01/2014 – 08/31/2019

NIH/National Institute on Drug Abuse

Lab Study of Bupropion to Reduce HIV-Related Impulsive Behavior in Cocaine Users

Under review

Role: *Co-Investigator/Biostatistician*

Submitted – Not Funded

R01 CA184180 (Reynolds, PI)

2013

NIH/National Cancer Institute

Web-Based Contingency Management for Rural Pregnant Smokers

Not discussed

Role: *Co-Investigator/Biostatistician*

R01 (Schoenberg, PI)

2013

NIH/National Cancer Institute

Eliminating Cervical Cancer in Appalachia: A Multigenerational Prevention Project

Not discussed

Role: *Co-Investigator*

R01 (Schoenberg, PI)

2013

NIH/National Cancer Institute

Put It Out & Keep It Off: An Appalachian CBPR Smoking & Weight Control Program

Not discussed

Role: *Co-Investigator*

U54 (Schoenberg, PI, under Mays center grant) 2013
 NIH/National Cancer Institute
An Appalachian Cervical Prevention Project: Reaching the Hardest to Reach
 Scored, not funded
 Role: *Co-Investigator*

R01 (Schoenberg, PI) 2012
 NIH/National Institute on Minority Health and Health Disparities
Disseminating an Effective CBPR Program to Reduce Appalachian Health Disparities
 Scored, not funded
 Role: *Co-Investigator*

R01 DA034724 (Knudsen, PI) 2012
 NIH/National Institute on Drug Abuse
Increasing Provider Utilization of SBIRT in Primary Care: A Randomized Trial
 Scored, not funded
 Role: *Co-Investigator/Biostatistician*

RC1 HD063602-01 (Studts, PI) 2009
 NIH/National Institute of Child Health & Human Development
(ARRA) Early Identification of Attention Deficit Hyperactivity Disorder in Primary Care
 Not discussed
 Role: *Principal Investigator*

Past Support

R01 DK081324 (Schoenberg, PI) 09/01/2008 – 06/30/2013
 NIH/National Institute of Diabetes and Digestive and Kidney Diseases
An Intergenerational Intervention to Reduce Appalachian Health Disparities
 This community-based participatory research project is a group-randomized clinical trial investigating the effectiveness of a multifaceted faith-based lay health advisor intervention targeting energy balance outcomes in Appalachian families.
 Role: *Co-Investigator*

R24 MD002757 (Schoenberg, PI) 05/22/2008 – 07/31/2013
 NIH/National Institute on Minority Health and Health Disparities
Faith Moves Mountains: A CBPR Appalachian Wellness & Cancer Prevention Program
 This community-based participatory research project is a group-randomized clinical trial investigating the effectiveness of a multifaceted faith-based lay health advisor intervention targeting smoking cessation and cancer screening in Appalachian participants.
 Role: *Co-Investigator*

U54 CA153604-02 (Dignan, PI) 09/01/2010 – 06/30/2012
 NIH/National Cancer Institute

Appalachian Community Cancer Network

The major goal of this project is to work towards a reduction in cancer health disparities in Appalachia by conducting community-based education, research and training activities in rural areas of six states. The project will also include a faith-based intervention to reduce obesity among rural Appalachian church members by improving diet and increasing physical activity.

Role: *Co-Investigator*

UL1 RR033173-01 (Kern, PI) 06/01/2011 – 06/30/2012
NIH/National Center for Research Resources, National Center for Advancing Translational Sciences

Kentucky Center for Clinical and Translational Science Biomedical Informatics Core

The University of Kentucky Center for Clinical and Translational Science (CCTS) is dedicated to growing the clinical and translational science research teams of the future, to providing the infrastructure needed to foster collaborations between basic and clinical scientists to facilitate research translation, and to enhancing outreach pathways to confront chronic health issues in rural Appalachia.

Role: *Co-Investigator/Biomedical Informatics Core*

R03 CA139876-01 (Floyd, PI) 09/01/2009 – 07/31/2011
NIH/National Cancer Institute

A Population-based Controlled Investigation of QOL and Health Behaviors among Survivors of Cancer Diagnosed during Young Adulthood

This longitudinal, mixed-methods study will identify unique needs with regard to mental health, health behavior and quality of life outcomes in survivors of cancer diagnosed during young adulthood, an understudied group of cancer survivors. It will also set the stage for future targeted intervention efforts in this population.

Role: *Co-Investigator/Biostatistician*

R01 CA113932 (Dignan, PI) 05/01/2005 – 03/31/2011
NIH/National Cancer Institute

Increasing Colorectal Cancer Screening in Rural Kentucky

This community-based, participatory study is investigating the effects of a multicomponent intervention delivered to primary health care practices in rural Kentucky on health care providers' knowledge, attitudes, and behaviors re: screening for colorectal cancer.

Role: *Co-Investigator*

R01 CA108696 (Schoenberg, PI) 09/01/2004 – 01/31/2011
NIH/National Cancer Institute and National Institute on Aging

An Appalachian Cervical Cancer Prevention Project

This community-based participatory research project is a randomized controlled trial focused on the development, administration, and evaluation of a cervical cancer prevention project involving faith communities and lay health advisers in rural Appalachia.

Role: *Co-Investigator*

R36 HS016940-01 (Studts, PI) Awarded 05/2008 but declined due to early completion
USDHHS/Agency for Healthcare Research and Quality Dissertation Grant

Improving Screening for Externalizing Behavior Problems in Very Young Children: Applications of Item Response Theory to Evaluate Instruments in Pediatric Primary Care

This study investigated the performance of items in two commonly used pediatric behavioral screening instruments, with special attention to differences between groups categorized by sex, race, and socioeconomic status.

Role: *Principal Investigator*

KLCRP403-JLS-03 (J. Studts, PI)

07/01/2003 – 06/30/2008

Kentucky Lung Cancer Research Program

Behavioral, Cognitive, and Affective Responses to Lung Cancer Screening

This study examined a range of important positive and negative sequelae of participation in a randomized controlled clinical trial of lung cancer screening.

Role: *Research Assistant*

KCHFS (Barbee, PI)

07/01/2003 – 08/01/2004

Kentucky Department of Health and Human Services

The Manualization and Replication of the Comprehensive Assessment and Training Services

Role: *Development team member, clinical social worker/supervisor*

PEER-REVIEWED PUBLICATIONS

Schoenberg, N. E., **Studts, C. R.**, Hatcher, J., Buelt, E. C., & Adams, E. F. (2013). Patterns and determinants of breast and cervical cancer non-screening among Appalachian women. *Women & Health, 53*, 552-571. DOI: 10.1080/03630242.2013.809400

Studts, C. R., & van Zyl, M. A. (2013). Identification of developmentally appropriate screening items for disruptive behavior problems in preschoolers. *Journal of Abnormal Child Psychology, 41*, 851-863. DOI: 10.1007/s10802-013-9738-8

Studts, C. R., Tarasenko, Y., & Schoenberg, N. E. (2013). Barriers to cervical cancer prevention among middle-aged and older Appalachian women. *Journal of Community Health, 38*, 500-512. DOI: 10.1007/s10900-012-9639-8

Studts, C. R., Tarasenko, Y., Schoenberg, N. E., Shelton, B. J., Hatcher-Keller, J., & Dignan, M. B. (2012). A community-based randomized trial of a faith-placed intervention to reduce cervical cancer in Appalachia. *Preventive Medicine, 54*, 408-414. DOI: 10.1016/j.ypmed.2012.03.019

Knudsen, H. K., **Studts, C. R.**, & Studts, J. L. (2012). The implementation of smoking cessation counseling in substance abuse treatment. *Journal of Behavioral Health Services & Research, 39*, 28-41. DOI: 10.1007/s11414-011-9246-y

Swanson, M., **Studts, C. R.**, Bardach, S. H., Bersamin, A., & Schoenberg, N. E. (2011). Intergenerational energy balance interventions: A systematic literature review. *Health Education & Behavior, 38*, 171-197. DOI: 10.1177/1090198110378973

Hatcher, J., **Studts, C. R.**, Dignan, M. B., Turner, L. M., & Schoenberg, N. E. (2011). Predictors of cervical cancer screening for rarely or never screened rural Appalachian women. *Journal of Health Care for the Poor and Underserved, 22*, 176-193. DOI: 10.1353/hpu.2011.0021

Studts, C. R. (2009). Improving screening for externalizing behavior problems among very young children in primary care: Applications of item response theory. *Proceedings of the Ohio State University 21st National Symposium on Doctoral Research in Social Work*. Retrieved from <http://hdl.handle.net/1811/36781>.

Studts, C. R., Stone, R., & Barber, G. M. (2006). Predictors of access to health-care services among groups of TANF recipients in Kentucky. *Social Service Review, 80*, 527-548. DOI: 10.1086/505552

Studts, J. L., Ghatge, S. R., Gill, J. L., **Studts, C. R.**, Barnes, C. N., LaJoie, A. J., Andrykowski, M. A., & LaRocca, R. V. (2006). Validity of self-reported smoking status among participants in a lung cancer screening trial. *Cancer Epidemiology, Biomarkers and Prevention, 15*, 1825-1828. DOI: 10.1158/1055-9965.EPI-06-0393

***Selected as a featured article among the 43 published in this issue.

MANUSCRIPTS UNDER REVIEW

Tarasenko, Y., Howell, B., **Studts, C. R.**, Strath, S., & Schoenberg, N. E. (2014). A physical activity assessment project in Appalachian Kentucky.

Schoenberg, N. E., Bundy, H. E., Baeker, J. A., **Studts, C. R.**, Shelton, B., & Fields, N. (2014). A rural Appalachian faith-placed smoking cessation intervention. (*Revise & resubmit underway*).

van Zyl, M. A., **Studts, C. R.**, & Pahl, K. (2014). Precision across race, age, and gender of a HIV risk screen for adolescents and young adults.

MANUSCRIPTS IN PREPARATION

Studts, C. R., & Brock, G. N. (2014). Utility of a goodness-of-fit index for the graded response model with small sample sizes: A Monte Carlo investigation.

Studts, C. R., & van Zyl, M. A. (2014). Differential item functioning of items measuring externalizing behavior problems in very young children.

Studts, C. R., Jonas, A., Broder-Oldach, B., Borgatti, S., Katz, M., & Schoenberg, N. E. (2014). Colorectal cancer screening within Appalachian social networks.

Katz, M., Broder-Oldach, B., **Studts, C. R.**, Jonas, A., Borgatti, S., & Schoenberg, N. E. (2014). Leveraging social networks to increase cancer screening in Appalachia.

- Studts, C. R.**, Zanjani, F., Clayton, R., Shelton, B. J., Dignan, M. B., & Schoenberg, N. E. (2014). A faith-placed smoking cessation intervention in Appalachia.
- Zanjani, F., Newsham, T., **Studts, C. R.**, Martin, C., Clayton, R., & Schoenberg, N. E. (2014). Smoking cessation cognitions in rural Appalachia: The effects of mental health and substance use.
- van Zyl, M. A., & **Studts, C. R.** (2014). Item response theory analysis of the Learning Critical Thinking – Form A (LCTA) Scale.
- Studts, C. R.**, Dignan, M. B., Havens, J. R., Duvall, J. L., Deskins, S., & Schoenberg, N. E. (2014). The development of a cultural identity questionnaire: The Appalachian Identity Project.
- Studts, J. L., **Studts, C. R.**, Barnes, C. N., LaJoie, A. S., Andrykowski, M. A., & LaRocca, R. (2014). Predictors of adherence to screening protocol among participants in a lung cancer screening trial.
- Studts, J. L., **Studts, C. R.**, & Matera, E. L (2014). Measuring numeracy: An item response theory analysis of the Numeracy Questionnaire.
- Studts, J. L., **Studts, C. R.**, LaJoie, A. S., Barnes, C. N., Andrykowski, M. A., & LaRocca, R. (2014). Predictors of change in self-reported smoking status among participants in a lung cancer screening trial.

PEER-REVIEWED PRESENTATIONS

- Studts, C. R.** (2014). *The Young Child Brief Behavioral Screen: Preliminary results*. Poster to be presented at the 2014 Translational Science Meeting, Washington, DC.
- Swanson, M., **Studts, C. R.**, Crosby, R. (2013). *Food shopping patterns in rural Appalachia: The environmental context of dietary behavior*. Paper presented at the 141st Annual Meeting of the American Public Health Association, Boston, MA.
- Schoenberg, N. E., **Studts, C. R.**, Keller-Hatcher, J., Buelt, E. C., & Adams, E. F. (2013). *Patterns and determinants of breast and cervical cancer non-screening among Appalachian women*. Paper presented at the 66th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
- van Zyl, M. A., **Studts, C. R.**, & Pahl, K. (2013). *Better prediction, intervention, and protection: How a brief adolescent HIV risk screening can improve prevention programming*. Poster presented at the 6th SA AIDS Conference, Durban, South Africa.
- Studts, C. R.** (2013). *Measurement bias in pediatric behavioral screening tools*. Poster presented at the 2013 Translational Science Meeting, Washington, DC.

- Schoenberg, N. E., Bundy, H., Baeker, J., **Studts, C. R.**, Shelton, B., Fields, N., & Clayton, R. (2012). *A rural Appalachian faith-placed smoking cessation intervention*. Paper presented at the 2012 Summit on the Science of Eliminating Health Disparities, Washington, DC.
- Howell, B. M., Schoenberg, N. E., Strath, S., & **Studts, C. R.** (2012). *Measurement of physical activity among rural Appalachian residents*. Paper presented at the 35th annual Appalachian Studies Association conference, Indiana, PA.
- *Arrowood, A., Young, T. L., Quigley, J. M., Woods, S. H., & **Studts, C. R.** (2010). *Parent and physician readiness for the implementation of an integrated pediatric primary care clinic*. Poster presented at the 12th annual conference of the Collaborative Family Healthcare Association, Louisville, KY.
- *Undergraduate psychology student mentored for independent study
- Knudsen, H. K., **Studts, C. R.**, & Studts, J. L. (2010). *Implementation of smoking cessation counseling in substance abuse treatment*. Paper presented at the 105th annual meeting of the American Sociological Association, Atlanta, GA.
- Studts, C. R.**, & Studts, J. L. (2010). *Development of the Smoking-Related Guilt Scale*. Poster presented at the 31st annual scientific sessions of the Society of Behavioral Medicine, Seattle, WA.
- Schoenberg, N. S., **Studts, C. R.**, Tarasenko, Y., Hatcher, J., Wright, S., Dollarhide, K., & Dignan, M. B. (2009). *Barriers to cervical cancer prevention among middle-aged and older rural Appalachian women*. Paper presented at the 62nd annual scientific meeting of the Gerontological Society of America, Atlanta, GA.
- Perry, J. B., Adams, Lora A., & **Studts, C. R.** (2009). *Creating a clean start: Avoiding common pitfalls and barriers to successful collaborative care programs using action plans*. Poster presented at the 11th annual conference of the Collaborative Family Healthcare Association, San Diego, CA.
- Studts, C. R.** (2009). *Improving screening for externalizing behavior problems among very young children in primary care: Applications of item response theory*. Paper presented at The Ohio State University College of Social Work 21st National Symposium on Doctoral Research in Social Work, Columbus, OH.
- Studts, C. R.** (2009). *Predisposing, enabling, and need factors associated with mental health services use among very young children*. Poster presented at the 30th annual scientific sessions of the Society of Behavioral Medicine, Montreal, Canada.
- Studts, C. R.** (2009). *Early identification of child behavior problems in primary care: Who initiates the discussion?* Poster presented at the 30th annual scientific sessions of the Society of Behavioral Medicine, Montreal, Canada.

- Studts, C. R.,** van Zyl, M. A. (2009). *Differential item functioning in the measurement of child externalizing behavior problems: An application of item response theory*. Paper presented at the 13th annual conference of the Society for Social Work and Research, New Orleans, LA.
- Hatcher, J., **Studts, C. R.,** Dignan, M., & Schoenberg, N. E. (2009). *Characteristics of rural Appalachian women who are rarely or never screened for cervical cancer*. Paper presented at the 23rd annual conference of the Southern Nurses Research Society, Baltimore, MD.
- Studts, C. R.,** Studts, J. L., Andrykowski, M. A. (2008). *Psychometric properties of a new Subjective Numeracy Scale: Classical and IRT analyses*. Poster presented at the 30th annual meeting of the Society for Medical Decision Making, Philadelphia, PA.
- Studts, C. R.,** Studts, J. L., Andrykowski, M. A. (2008). *Psychometric properties of a new Subjective Numeracy Scale: Classical and IRT analyses*. Poster presented at the 29th annual scientific sessions of the Society of Behavioral Medicine, San Diego, CA.
- Studts, J. L., Barnes, C. N., **Studts, C. R.,** LaJoie, A. S., Andrykowski, M. A., & LaRocca, R. (2007). *Participant adherence in a RCT of lung cancer screening: Results from baseline to year 1*. Paper presented at the 28th annual scientific sessions of the Society of Behavioral Medicine, Washington, DC.
- Ruberg, J. L., **Studts, C. R.,** Barnes, C. N., LaJoie, A. S., Cross, T., LaRocca, R. V., Andrykowski, M. A., Studts, J. L. (2007). *Smoking cessation among participants in a RCT of lung cancer screening: Baseline to year one*. Poster presented at the 28th annual scientific sessions of the Society of Behavioral Medicine, Washington, DC.
- Studts, C. R.,** Stone, R., & Barber, G. M. (2007). *A multilevel model of health status change among welfare recipients following welfare reform*. Paper presented at the 11th annual conference of the Society for Social Work and Research, San Francisco, CA.
- Studts, C. R.,** Stone, R., & Barber, G. M. (2006). *Predictors of health care access among welfare recipients*. Poster presented at the 27th annual scientific sessions of the Society of Behavioral Medicine, San Francisco, CA.
- Studts, C. R.,** Matera, E. L., & Studts, J. L. (2006). *An item response theory analysis of the Numeracy Questionnaire*. Poster presented at the 28th annual meeting of the Society of Medical Decision Making, Boston, MA.
- Studts, C. R.,** Sephton, S., Helm, C. W., Studts, J. L. (2006). *Perceived cervical cancer risk among women undergoing colposcopy*. Poster presented at the 27th annual scientific sessions of the Society of Behavioral Medicine, San Francisco, CA.
- Barnes, C. N., **Studts, C. R.,** LaJoie, A. S., Ruberg, J. L., Cross, T., Andrykowski, M. A., LaRocca, R. V., Studts, J. L. (2006) *Participant adherence in a RCT of lung cancer screening: Baseline*

to year 1. Poster presented at Research Louisville, University of Louisville, Louisville, KY.

***2nd Place Award for Student Research

Studts, J. L., Ghatge, S., Marmarato, J., Barnes, C., **Studts, C. R.**, LaJoie, A. S., LaRocca, R. (2006). *Validity of self-reported smoking status among lung cancer screening participants*. Poster presented at the 30th annual meeting of the American Society of Preventive Oncology, Bethesda, MD.

Studts, C. R., Elliott, A., Faith, T., Royer, B., & Young, S. (2004). *Positive behavioral supports in a Head Start classroom*. Paper presented at the annual meeting of the Midwest School Social Workers, Louisville, KY.

INVITED PRESENTATIONS

Studts, C. R. (2013). *Our children's mental health: A public health crisis*. Invited lecture in the Department of Health Behavior, College of Public Health, University of Kentucky.

Studts, C. R. (2012). *Basic biostatistics: An overview for clinicians*. Invited lecture in the Spring Lecture Series of the Department of Psychiatry, College of Medicine, University of Kentucky.

Quigley, J. M., Young, T. L., Woods, S. H., & **Studts, C. R.** (2011). *Implementation of an integrated pediatric primary care clinic in General Pediatrics at the University of Kentucky*. Paper presented at the Contemporary Pediatrics Conference, sponsored by UK Children's Hospital and the Department of Pediatrics.

Studts, C. R. (2010). *Basic biostatistics I and II: An overview for scientist-practitioners*. Invited two-part lecture in the Spring Lecture Series of the Department of Psychiatry, College of Medicine, University of Kentucky.

Studts, C. R. (2008). *Improving screening instruments for early identification of externalizing behavior problems: Applications of item response theory*. Invited presentation to the Department of Behavioral Science, University of Kentucky College of Medicine.

Studts, C. R. (2007). *Basic biostatistics I and II: An overview for clinicians*. Invited two-part lecture in the Spring Lecture Series of the Department of Ophthalmology, School of Medicine, University of Louisville.

Studts, C. R. (2006). *Introduction to item response theory*. Invited lecture to the Behavioral Oncology Lab, Cancer Prevention & Control Program, James Graham Brown Cancer Center, University of Louisville.

Studts, C. R., Matera, E. L., & Studts, J. L. (2006). *An item response theory analysis of the*

Numeracy Questionnaire. Invited lecture in the Fall Lecture Series of the Department of Bioinformatics and Biostatistics, School of Public Health and Information Sciences, University of Louisville.

EMPLOYMENT DETAILS

- 8/13 – **Assistant Professor, Regular Title Series**
Department of Health Behavior, U. of Kentucky College of Public Health
Conducts research focused on underserved, health disparities populations; health and mental health promotion; and methodological innovation. Collaborates on transdisciplinary research teams as co-investigator on multiple externally funded grants. Provides statistical and research design support to colleagues in the Department and across campus. Engages in service to the university and to the scientific community. Teaches graduate and undergraduate students in public health. Mentors graduate and undergraduate students engaged in clinical research.
- 7/08 – 7/13 **Assistant Professor, Research Title Series**
Department of Behavioral Science, U. of Kentucky College of Medicine
Conducts research focused on underserved, health disparities populations; health and mental health promotion; and methodological innovation. Collaborates on transdisciplinary research teams as co-investigator on multiple externally funded grants. Provides statistical and research design support to colleagues in the Department and across campus. Engages in service to the university and to the scientific community. Mentors graduate and undergraduate students engaged in clinical research.
- 5/04 – 9/05 **Clinician, Clinical Supervisor, and Member of Development Team**
FORECAST, University of Louisville Kent School of Social Work
Assisted with development of a clinic designed to provide comprehensive assessments of foster/adoptive families involved with the Jefferson County Department of Community Based Services. Contributed to development of protocols, clinic resources, and relevant literature reviews. Conducted comprehensive assessments of families facing possible disruption. Consulted with Cabinet staff and supervisors. Provided clinical supervision to masters-level certified social workers pursuing independent licensure.
- 7/01 – 7/03 **Principal Social Worker**
School Based Services, Seven Counties Services, Inc., Louisville, KY
Provided mental health assessments, treatment planning, and services for elementary school children in the school setting. Consulted with school staff (teachers, guidance counselors, principals) in three Jefferson County elementary schools to provide education and recommendations regarding clients and school populations in general. Advocated for client needs. Coordinated with community agencies (courts, social services) to provide appropriate and

effective services. Collaborated with multidisciplinary mental health professionals as part of a treatment team.

Senior Social Worker

Bullitt County Child & Family, Seven Counties Services, Inc., Shepherdsville, KY

Provided mental health assessments, treatment planning, and services for children, adolescents, and families in a rural outpatient mental health agency. Coordinated with community agencies (schools, courts, social services) to provide appropriate and effective services for clients. Collaborated with multidisciplinary mental health professionals as part of a treatment team.

7/00 – 7/01 **Clinical Social Worker**

Duke Children’s Primary Care, Duke University Medical Center, Durham, NC

Provided clinical and case management social work services for a pediatric primary care clinic. Performed crisis assessment and intervention, in addition to ongoing support services. Collaborated with physicians, nurses, psychologists, and other health professionals to optimize family access to treatment and resources. Educated medical residents in the clinic setting on psychosocial/mental health issues and community resources. Coordinated efforts with multiple local agencies to improve patient and family care. Participated in on-call and coverage teams with pediatric clinical social workers throughout the medical center.

5/97 – 6/00 **Program Director/Clinical Supervisor**

Bluegrass Regional MH-MR Board, Inc., Harrodsburg, KY

Directed the R.I.S.E. Program, a mental health and educational program for 60 children. Hired, trained, and supervised 13 mental health specialists and teachers. Coordinated efforts with local schools and agencies. Maintained administrative and direct service records. Assisted in the development and promotion of a new R.I.S.E. Program in Lawrenceburg, Kentucky.

Clinical Social Worker

Bluegrass Regional MH-MR Board, Inc., Harrodsburg, KY and Stanton, KY

Provided mental health assessments, treatment planning, and services for children, adults, and families in two rural outpatient Comprehensive Care Centers.

Mental Health Specialist

R.I.S.E. Program, Bluegrass Regional MH-MR Board, Inc., Harrodsburg, KY

Provided mental health and educational services to 15 children as part of a multidisciplinary team. Maintained appropriate clinical documentation of services. Assisted program director with administrative tasks and program preparation.

TEACHING EXPERIENCE

- 2014 **Instructor**, CPH 643-01, Measuring Health Behaviors
- Instructor**, CPH 649-008, Independent Study in Health Behavior
Topic: “Professional presentation of public health data analyses to scientific and lay audiences”
- Guest Lecturer**, University of Kentucky College of Public Health
(Spring) CPH 644, Rural Health Disparities: “Mental health services and disparities in rural communities.”
- 2013 **Guest Lecturer**, University of Kentucky College of Public Health
(Spring) CPH 604, Public Health and Disease Prevention: “Translating research to practice: Putting ‘what works’ to work.”
(Fall) CPH 604, Public Health and Disease Prevention: “Measurement and design related to theoretically-based health promotion research and practice”
(Fall) CPH 604, Public Health and Disease Prevention: “Translating research to practice: Putting ‘what works’ to work.”
(Fall) CPH 647, Research Methods for Public Health: “Research designs”
(Fall) CPH 647, Research Methods for Public Health: “Measurement in health promotion”
- Co-Instructor**, University of Kentucky College of Public Health
(Fall) SPSS Boot Camp (one-day intensive SPSS training for MPH students)
- Instructor**, PSY 395, Independent Research in Psychology, U. of Kentucky
Topic: “Introductory clinical research experience.” Taught undergraduate psychology students introductory level clinical research topics, including human subjects protection, participant recruitment, data collection, data entry, and beginning analyses in SPSS. Trained and engaged students in pilot study responsibilities.
- 2011 **Guest Lecturer**, Doctoral Program, Kent School of Social Work, U. of Louisville
SW 773, Advanced Measurement in Social Work Research: “Item response theory: Introduction and application to social work research.”
- 2009-2010 **Instructor**, PSY 395 (Independent Research in Psychology), U. of Kentucky
Topic: “Introductory clinical research experience.” Taught undergraduate psychology students introductory level clinical research topics, including human subjects protection, participant recruitment, data collection, data entry, and beginning analyses in SPSS. Trained and engaged students in pilot study responsibilities.
- 2008 **Guest Lecturer**, Doctoral Program, Kent School of Social Work, U. of Louisville

SW 773, Advanced Measurement in Social Work Research: “Item response theory: A brief overview.”

- 2007 **Research Rotation Supervisor**, School of Medicine Med-Peds Program, U. of Louisville
Facilitated and supervised med-peds residents’ research rotations. Taught clinical research skills including conducting literature reviews, formulating research questions and hypotheses, selecting study design, improving survey design, collecting and analyzing data, and writing for scientific outlets.
- 2005-2006 **Guest Lecturer**, CREST, School of Public Health & Information Sciences, U. of Louisville
PHCI 602, Health Services and Outcomes Research: “Item response theory: Introduction and application to measurement of health outcomes.”
- 2005 **Guest Lecturer**, CREST, School of Public Health & Information Sciences, U. of Louisville
PHCI 602, Health Services and Outcomes Research: “Measuring depression and anxiety.”
- 2004 Developed a masters-level social work elective course, including syllabus, readings, assignments, and examinations: *Social Work Practice in Health Care Settings*
- 2004 Completed a graduate level course in teaching: SW 764, Teaching in Social Work
- 2004-2005 **Tutor**
Provided private tutoring in graduate-level statistics.
- 2004 **Co-Instructor**, Kent School of Social Work, U. of Louisville
SW 766, Doctoral Preparation
Co-taught the summer course for incoming doctoral students with the director of the doctoral program. Assisted with development of course outline and syllabus; prepared and administered the online Blackboard course site; taught class sessions; provided individual and group tutoring to students; and graded and provided feedback on homework and in-class assignments. Course content included a review of the basics of social work research, statistics, use of SPSS, and significant past and present themes in the social work literature.
- 1999-2001 **Instructor**, Kaplan Educational Center, Lexington, KY and Durham, NC
Prepared and taught preparation courses for all portions of the GRE, LSAT, ACT, and SAT standardized tests to classes of up to 20 students as well as to individual students. Also taught the Verbal sections of the PCAT (Pharmacy) and DAT (Dental) standardized tests.

ADVISING ACTIVITY

Ongoing Advising

Health Behavior MPH Student Academic Advising:

- Kathleen Evers (Fall 2013 -)
- Guangxing “Dylan” Zhan (Fall 2013 -)

MPH Capstone Committees (* denotes committee chair):

- *Nathalie Astudillo – Health Behavior: “Oral health disparities” (Spring 2014)
- *Katherine Bentley – Health Behavior: “Statewide vaccination policies and pertussis” (Summer 2014)
- *Nneoma Ilogu – Health Behavior: “Prenatal alcohol exposure and adolescent growth” (Spring 2014)
- Megan Sandefur – Health Behavior: “Provider characteristics associated with over-prescription of antibiotics for otitis media” (Summer 2014)

DRPH Capstone Committees:

- Angelica Geter – Health Behavior (Fall 2014)

Doctoral Committees:

- Alicia Dailey – Social Work (University of Louisville Kent School of Social Work)

Completed Advising

Doctoral Committees:

- Stephan Buckingham – Social Work (University of Louisville – def. 2009)
- Shaena Y. Gardner - Clinical Psychology (Spalding University – def. 2006)

CONSULTING EXPERIENCE

- 2013- **Indiana University-Purdue University Indianapolis**, Indianapolis, IN
Providing statistical expertise to faculty in the School of Nursing to utilize item response theory to improve the measurement of several health constructs.
- 2004 **University of Louisville Kent School of Social Work**, Louisville, Kentucky
Consulted with Masters program research faculty and students to expedite the preparation and submission of MSSW research project proposals to the University of Louisville Institutional Review Board (IRB). Assisted students in preparing and revising protocols to meet ethical and scientific research standards. Collaborated with IRB staff as needed.

PRE-DOCTORAL RESEARCH EXPERIENCE

- 2005-2008 **Graduate Research Assistant**, James Graham Brown Cancer Center, U. of L.

Performed data collection, database maintenance, statistical analyses, literature reviews, and manuscript writing for three ongoing research projects:

Lung Cancer Screening Study

Colposcopy Study

Lung Cancer Decision Making Study

Supervisor: David Hein, Ph.D., Director of Cancer Prevention and Control Program, James Graham Brown Cancer Center, University of Louisville School of Medicine

- 2003-2008 **University Fellow**, Kent School of Social Work, University of Louisville
Engaged in research activities with several faculty members during studies in the doctoral program, including:
Gerard Barber, Ph.D. and Ramona Stone, Ph.D., Kent School of Social Work:
Health and Welfare Reform
Andy Frey, Ph.D., Kent School of Social Work:
Positive Behavioral Supports in Head Start
Jamie L. Studts, Ph.D., James Graham Brown Cancer Center:
Colposcopy Study, Lung Cancer Decision Making Study, Lung Cancer Screening Study
- 1992 **Women and AIDS Coalition**, South Bend, Indiana
Performed data entry and conducted preliminary statistical analyses.

SERVICE EXPERIENCE

Academic Service

- 2014- **Member, Research Committee, Collaborative Family Healthcare Association**
The Research Committee promotes and supports research on integrated care through organizing research-oriented seminars at CFHA Annual Conferences and offering post-doctoral research support to developing scientist-practitioners in collaborative care.
- 2014 **Ad hoc reviewer for:**
Journal of Behavioral Health Services & Research (1)
Supportive Care in Cancer (1)
- 2013-2014 **Chair, Rapid Communications Track, 35th annual meeting of the Society of Behavioral Medicine**
- 2013 **Ad hoc reviewer for:**
Journal of Substance Abuse Treatment (1)
Supportive Care in Cancer (1)
Translational Behavioral Medicine (1)
Head & Neck (1)

Journal of Behavioral Health Services & Research (1)
Contemporary Clinical Trials (1)
Clinical Trials: The Journal of the Society for Clinical Trials (1)

- 2012–2013 **Co-Chair, Rapid Communications Track, 34th annual meeting of the Society of Behavioral Medicine**
- 2007–2013 **Abstract reviewer for annual meetings of the Society of Behavioral Medicine**
Medical Settings track (2010 - 2013)
Psychological and Person Factors track (2007 – 2012)
Population, Health Policy, and Advocacy track (2013)
- 2012 **Ad hoc reviewer for:**
Supportive Care in Cancer (5)
Patient Preference and Adherence (1)
Translational Behavioral Medicine (1)
- 2011–2012 **Co-Chair, Rapid Communications Track, 33rd annual meeting of the Society of Behavioral Medicine**
- 2011 **Ad hoc reviewer for:**
Supportive Care in Cancer (4)
Journal of Behavioral Health Services & Research (1)
Head & Neck (1)
- 2010 **Ad hoc reviewer for:**
Supportive Care in Cancer (5)
Journal of Behavioral Health Services & Research (2)
- 2009-2010 **Planning Committee Member, 12th Annual Conference of the Collaborative Family Healthcare Association**
Served on the planning committee for the annual CFHA conference. Contributing member of a subcommittee planning the Kentucky Health Policy Summit, *Integrating Mental Health and Primary Care Services in Kentucky*, a regional summit on collaborative family healthcare.

Institutional Service

- 2014- **Research Committee, UK College of Public Health**
- 2013- **UK Center for Clinical and Translational Science**
Member of the NIH TL1 training program Internal Advisory Committee.
- 2012 **Grant reviewer, UK Center for Clinical and Translational Science Pilot Research Program**

- 2012 **Pilot applications review committee, Department of Behavioral Science**
- 2011-2012 **UK Center for Clinical and Translational Science**
Served on a committee focused on social network analysis and bioinformatics.
- 2004-2005 **Kent School Doctoral Faculty, Kent School Faculty, and Kent Assembly**
Doctoral student representative to meetings; provided information to doctoral students and solicited input to present to faculty and staff.
- 2003-2005 **Kent School of Social Work Outcomes Committee**
Served on a committee focused on improving and monitoring outcome measures of the Kent School as required by accrediting bodies.

Community Service

- 2004-2006 **Metro United Way Success by 6, Nurturing Young Children Action Team**
Louisville, Kentucky
Served on the Nurturing Young Children Action Team to promote collaboration of community programs and services targeting school readiness. Helped initiate a subgroup focusing on child health and safety issues.
- 2000-2001 **Durham Interagency Council for Young Children with Special Needs,**
Durham, North Carolina
Collaborated with community leaders toward improving local efforts to identify infants and toddlers with special needs and promoting services for this population. Served as Council Secretary.

VOLUNTEER EXPERIENCE

- 1994-1995 **Family Life Head Start Child Development Center, CAP Volunteer Program,**
Mt. Vernon, Kentucky
Supervised and guided the developmental play time of 25 Head Start preschoolers. Created lesson plans and planned activities after conducting assessments of individual children's needs. Full-time volunteer.
- 1993-1994 **Family Life Services, CAP Volunteer Program,** Mt. Vernon, Kentucky
Provided extensive follow-up services (parenting, budgeting, problem solving, emotional support) to 30 families who completed a residential program. Assisted with day-to-day operations in the shelter through a wide variety of tasks. Full-time volunteer.
- 1992 **University of Notre Dame Crisis Line,** Notre Dame, Indiana
Volunteer Crisis Telephone Peer Counselor
- 1991 **St. Mary of the Angels Youth Program,** London, England

Volunteer Staff Member

1990-1991 **St. Mary's Native American Tutoring Program**, South Bend, Indiana
Volunteer Tutor for elementary school students

RELEVANT TRAINING AND WORKSHOP EXPERIENCE

- 2014 The Family Check-Up and Everyday Parenting Program, *Tempe, AZ*
- 2013 NIH Training in Dissemination and Implementation Research in Health, *St. Louis, MO*
BSC 732, Interdisciplinary Protocol Development, *Lexington, KY*
- 2012 Multiphase Optimization Strategy (Methods Work), *Silver Spring, MD*
BSC 731, Methods and Technologies in Translational Science, *Lexington, KY*
- 2011 NIH Summer Institute on Behavioral Randomized Clinical Trials, *Airlie, VA*
Introduction to Social Network Analysis (Methods Work), *Silver Spring, MD*
- 2009 Society of Behavioral Medicine, *Montreal, Quebec, Canada*
Using the Statistical Language R to Analyze Item Response Data for
Measurement Development
- 2008 Introduction to Latent Class/Latent Transition Analysis (Linda Collins),
Lexington, KY
- 2006 Evidence-Based Practice (Eileen Gambrill & Leonard Gibbs), *Louisville, KY*
Society of Behavioral Medicine, *San Francisco, CA*
Latent Class and Latent Profile Analysis: Creating Typologies via
Categorical Latent Variables
Communication Skills in Statistical Consulting (Janice Derr), *Louisville, KY*
- 2005 Society of Behavioral Medicine, *Boston, MA*
Modern Psychometrics and Health Outcomes Assessment
Introduction to Item Response Theory: Methods and Applications
Measurement: Theory and Applications in Social Work Research (William
Nugent), *Lexington, KY*
- 2003 Ethics in Social Work Practice, *Louisville, KY*
Clinical Supervision Training for Kentucky Board of Social Work, *Louisville, KY*
- 2002 Kentucky Play Therapy Association Conference, *Louisville, KY*
SCERTS Interventions for Autistic Spectrum Disorders, *Indianapolis, IN*

- 2001 Safe Crisis Management, *Louisville, KY*
HIV/AIDS Awareness Training, *Louisville, KY*
- 2000 Explosive and Inflexible Children, *Lexington, KY*
Expressive Therapies with Sexually Abused Children, *Lexington, KY*
- 1999 V.I.S.I.O.N. Training (Multicultural Issues in Mental Health), *Lexington, KY*
The Canadian Play Therapy Institute, *Lexington, KY*
- 1997 Domestic Violence Training, *Lexington, KY*
Victims Advocacy Training, *Frankfort, KY*
- 1996 The Canadian Play Therapy Institute, *Lexington, KY*
Kentucky School Social Work Conference, *Louisville, KY*
ADHD Workshop, *Lexington, KY*

HONORS & AWARDS

- 2013 Accepted to the 2013 Training Institute for Dissemination and Implementation Research in Health, sponsored by the NIH Office of Behavioral and Social Sciences Research, National Cancer Institute, and National Institute of Mental Health (June 3 – June 7, 2013)
- 2011 Accepted as a Fellow to the 11th Annual Summer Institute on the Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, sponsored by the NIH Office of Behavioral and Social Sciences Research and National Heart, Lung and Blood Institute (July 10 – July 22, 2011)
- 2009 Selected to present at The Ohio State University College of Social Work 21st National Symposium on Doctoral Research in Social Work
- 2008 Nominated for Society of Behavioral Medicine 2009 Outstanding Dissertation Award
- 2008 Nominated for Society for Social Work and Research 2009 Outstanding Social Work Doctoral Dissertation Award
- 2008 University of Louisville Graduate School Dean's Citation
- 2007 Travel Awards: University of Louisville Graduate Student Council, Kent School of Social Work Alumni Fund, and Kent School Student Association
- 2003–2007 University of Louisville Graduate School Fellowship
- 1997 Alpha Delta Mu Honorary Society
- 1996–1997 University of Kentucky Graduate School Presidential Fellowship
- 1995–1996 University of Kentucky College of Social Work Scholarship
- 1989–1993 University of Notre Dame Orchestra
- 1989–1993 University of Notre Dame Dean's List

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- 2009- Collaborative Family Healthcare Association, Member
- 2007 – American Public Health Association, Member

- 2006 – American Statistical Association, Member
- 2003 – Society for Social Work and Research, Member
- 2003 – Society of Behavioral Medicine, Member

STATISTICAL SOFTWARE

SPSS
SAS
R
Multilog
HLM
PASS