

**Utah Association of Family and Consumer
Science
Annual Meeting**

**Research Section
Conference Proceeding**



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Utah Association of Family and Consumer Science Annual Meeting

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THE ROLE OF TEXTILES AS AN IMPORTANT DATAT SOURCE FOR AN INTERDISCIPLINARY INVESTIGATION OF THE 1988 DIG OF EGYPT'S FAG EL-GAMOUS CEMETERY

Jolene Johnson, Shurma Johnson, and Maxine Lewis Rowley, Ph.D., CFCS
Brigham Young University

The textile sample serving as the center of this study have been recently discovered and referenced in the most recently excavated ancient Egyptian Cemetery. The segment of the thesis reported in this paper focuses upon the textile samples as clues to family relationships.

The paper is part of the thesis completed by Jolene Johnson, graduate student in Family Life and Home Economics at Brigham Young University (BYU). Shurma Johnson, graduated from the BYU College of Education. Dr. Rowley, CFCS, is graduate faculty and chair of Jolene's thesis committee.

Maxine Lewis Rowley, Ph.D., CFCS
Marriage, Family and Human Development Department
Brigham Young University
Provo, Utah 84602

DIABETES STEPPING UP TO THE PLATE: AN EDUCATION CURRICULUM FOCUSED ON FOOD PORTIONING SKILL

Pauline Williams and Nedra Christensen
Utah State University

AIMS: To determine the effectiveness of food portion based diabetes education.

METHODOLOGY AND RESULTS: One-hundred-fifty-one individuals enrolled in a three month diabetes education series, which focused on food portioning skills. Seventy-five participants completed pre and post data collection parameters, although more participants completed all classes in the series. Food portion knowledge tests, skills tests, height, weight, and waist-to-hip ratio (WHR) were measured at the initiation of the series and again three months later. Data was analyzed through paired t-tests and correlations. The average pre-test knowledge score was 49.8 percent which increased to 60.5 percent for post-test scores ($p=.003$). The ability to correctly choose five exchange portions of 15 grams of carbohydrate was 2.4 ± 1.1 at the initial testing and 3.7 ± 1.3 ($p=.000$) at final testing. Mean weight decreased from 203.7 to 200.6 pounds ($p=.000$). BMI decreased from 33.0 to 32.1 ($p=.000$). Mean waist circumference decreased from 42.7 to 41.3 inches. ($p=.000$). Mean hip circumference decreased from 46.1 to 45.6 inches ($p=.000$). Waist to hip ratio decreased from 0.92 to .090 ($p=.000$). There was a predictive correlation between the written knowledge test scores and both decrease in waist circumference ($-2.63, p=.05$) and decrease in hip circumference ($-.306, p=.05$).

CONCLUSION: Evaluation of the Diabetes Stepping Up to The Plate program indicated that diabetes instruction by Extension Service personnel, using the Food Guide Pyramid, can be successful in diabetes control parameters. The program showed a significant reduction in anthropometric indices at the same time knowledge and skill for food portioning increased.

Pauline Williams
FCS Extension Agent
Utah State University Extension
2001 S. State St. #S-1200
Salt Lake City, UT, 84190-2350

Nedra Christensen
USU Extension Nutrition Specialist
Utah State University Dietetics Program
1213 East 2100 South
Salt Lake City, UT 84106

MENTORING AS A PREVENTION STRATEGY

Kathy Riggs
Utah State University

Connecting youth with caring adults in a community is a protective factor for youth and a sign of a strong community. Creating these relationships, through mentoring, has proven to be an effective method for reaching out to at-risk youth in an effort to prevent or intervene with delinquent behaviors. Parent/family involvement in mentoring is a more recent component in the mentoring model. However, studies indicate that parental involvement and teaching parenting skills through experiential learning positively influence the overall effectiveness of the mentoring experience and impact family relationships, including families in diverse communities.

Kathy Riggs
Utah State University FCS Extension Agent
585 North Main St. - No. 5
Cedar City, UT 84720

ROTISSERIES: A COMPETITIVE ANALYSIS OF PERFORMANCE AND FEATURES WITH IMPLICATIONS FOR USE AND CARE INFORMATION AND ROTISSERIE DESIGN

Pearl Philipps, CFCS
Utah State University

Dr. Elizabeth DeMerchant, Ph.D., CFCS
Hamilton Beach Proctor-Silex, Inc.

They conducted this research in the Hamilton Beach Proctor-Silex, Inc. test kitchen in Richmond, Virginia. Specifically, they tested five different bread machines in the experimental kitchens to gather data about performance and design. The study provided the data that informed the Company Executive Officer and members of the Board of Directors in decisions about designing and marketing a new rotisserie for United States consumers.

Hamilton Beach Proctor-Silex was in need of a competitive analysis of current rotisseries attributes on the market, in order to assess the viability of entering the market with their own design. It was supposed this study would also provide engineers and others the material needed to write a use and care manual and produce rotisseries designed with the best features for the consumer. Data for performance evaluation were collected from tests performed on the five different models. Data provided information about the different rotisseries attributes, performance evaluation data from each of the five rotisseries, evaluation of use and care information and provided recommendations for an improved product design.

Pearl Philipps, CFCS
FCS/4-H Extension Agent, Beaver County
Southwest USU Extension Area Agent
4-H Southwest District Ambassador Program Director
PO Box 466
Beaver, UT 84713

Elizabeth A. DeMerchant, Ph.D., CFCS
Product Information Center Supervisor
Hamilton Beach Proctor-Silex, Inc.
4421 Waterfront Dr.
Glen Allen, VA 23060

CURRENT PROJECTIONS OF IMPENDED FAMILY AND CONSUMER SCIENCES TEACH SHORTAGES IN FIFTY UNITED STATES

Rhoda Richens, CFCS and Linda Miller
Brigham Young University – Idaho

Maxine Lewis Rowley, Ph.D., CFCS
Brigham Young University

This Study reports the most recent and complete national survey of projected and immediate teacher needs as reported by all 50 states. The study is a follow-up of a report that was part of a thesis completed at Idaho State and reported at this affiliate's conference a year ago. It is the most accurate and current report available to appraise a critical need in the family related disciplines.

Rhonda Richens, CFCS,
Specialist in Clothing and Textiles and Teacher Educator
Office: CLK 352F
Brigham Young University-Idaho

Linda Miller
Department Chair of Family and Consumer Sciences
Office: CLK 352E
Brigham Young University-Idaho
Rexburg, ID 83460

Maxine Lewis Rowley, Ph.D., CFCS
Marriage, Family and Human Development Department
School of Family Life
Brigham Young University
Provo, Utah 84602

SURVIVAL OF THE FITTEST: THE HISTORY OF EDUCATION PROGRAMS IN GHANA

Kekelli Naviadenu
University of Maryland

This paper presents an overview of the development of education programs for the people of Ghana. The study has ontological undertones as the author speaks from the literature and from personal experience as he grew up in that country and sought further education in other nations. Paper presented by Dr. Maxine Lewis Rowley, CFCS

Mr. Naviadenu is completed his doctoral degree at University in Maryland. Formerly he completed his first graduate degree from Brigham Young University (BYU) in Communication and Journalism. He has also completed internships at the United Nations. His current professional plans include teaching at a college or university.

CHILD CARE SUPPORTED BY LARGE BUSINESSES IN THE STATE OF UTAH: PHASE THREE.

Pearl Philipps, CFCS, et al.
Utah State University Extension

This study extended the first author's graduate thesis through involvement of undergraduate students and graduate faculty who completed Phase Three of a planned longitudinal project. The paper presentation reports the third in a series of Brigham Young University (BYU) studies assessing support of large Utah businesses for on-site child care programs. Undergraduate students fathered the data using the methodology outlined and conclusions drawn in a thesis by the principal author. Findings point to the changing economy of Utah as a major variable impacting the decision of a business to support on-site programs and other employee benefits related to support of child care.

Pearl Philipps, CFCS
FCS/4-H Extension Agent, Beaver County
Southwest USU Extension Area Agent
4-H Southwest District Ambassador Program Director
PO Box 466
Beaver, UT 84713

POPULARITY OF PORNOGRAPHY: AN IN-DEPTH REVIEW OF THE HISTORY AND THE LITERATURE

John Black and Maxine Lewis Rowley, Ph.D., CFCS
Brigham Young University

Mr. Black is a senior with a major in Marriage, Family and Human Development. Last year he completed student teaching practicums in the Seminary Program of the State of Utah. Before entering graduate school, John and his wife will leave Brigham Young University in 2004 to supervise international students completing internships in an orphanage in South America.

Maxine Lewis Rowley, Ph.D., CFCS
Marriage, Family and Human Development Department
School of Family Life
Brigham Young University
Provo, Utah 84602