



Présente / Presents
Paula Brauer

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PRESENT POSITION

Dec 1999 - Assistant Professor *Department of Family Relations and Applied Nutrition, University of Guelph* Teaching responsibility for clinical nutrition content areas (two undergraduate courses, one graduate course) and Academic Advisor, Applied Human Nutrition program (~150 undergraduate students)

RESEARCH FOCUS

Effectiveness of diet interventions in treatment of insulin resistance; development and testing of new strategies to improve effectiveness of clinical nutrition services as treatment for obesity, insulin resistance, diabetes and dyslipidemia.

EDUCATION

- 1992-00 **PhD - Epidemiology** *Department of Public Health Sciences, University of Toronto.* Familial Aggregation of Diabetes, Hypertension and Cardiovascular Conditions in a Case-Control Study of Colorectal Neoplasia. PhD thesis, University of Toronto, 2000.
- 1977-79 **Master of Science, Nutritional Sciences** *University of Wisconsin, Madison.* Apparent Digestibility of Neutral Detergent Fiber in Young and Elderly Adults. Master's thesis, University of Wisconsin - Madison, 1979.
- 1973-74 **Graduate Dietetic Internship** *Kingston General Hospital, Kingston, Ontario.*
- 1968-73 **Bachelor of Home Economics** *University of British Columbia, Vancouver.*

EMPLOYMENT HISTORY

- 1997-99 **Lecturer** - *Department of Family Relations and Applied Nutrition, University of Guelph*
- 1984 -93 **Consulting Nutritionist/Writer** - diverse publications including medical staff manual for nutritional management of the critically ill, resource manual on diabetes for public health nurses, various pamphlets directed to the public. Developed and marketed low fat nutrition counselling tool to health professionals. Counselling/consulting services to primary care physician practice. Editor (1991-93) of Vitamin Information, a quarterly newsletter on vitamin issues directed to health professionals for *Hoffmann-LaRoche, Mississauga.*
- 1989-91 **Instructor** - of clinical nutrition to senior undergraduates *Applied Human Nutrition, College of Family and Consumer Studies, University of Guelph.*
- 1986-87 **Clinical Dietitian** - clinical investigation unit, inborn errors of metabolism & home enteral/TPN program. *University of Alberta Hospitals, Edmonton.*

- 1985-86 **Clinical Dietitian** - general systems failure intensive care unit. *University of Alberta Hospitals, Edmonton.*
- 1985-86 **Instructor** - nutrition through the life cycle. *Grant MacEwan Community College, Edmonton.*
- 1984 **Clinical Dietitian** - outpatient counselling. *Royal Alexandra Hospital Family Clinic, Edmonton.*
- 1982 **Clinical Dietitian** - burns and neurosurgery. *University of Alberta Hospitals, Edmonton.*
- 1981-82 **Research Dietitian** - trial of diet in Crohn's disease. *Division of Gastroenterology, University of Alberta, Edmonton.*
- 1980 **Technologist** - data analysis of a survey. *Division of Foods and Nutrition, Faculty of Home Economics, University of Alberta, Edmonton.*
- 1975-76 **Dietitian** - 180 beds. *St. Joseph's General Hospital, Comox, BC.*

RESEARCH GRANTS

External Applications Under Review

- Nov 2003 with the Council of Health Professional Associations
MOHLTC, Primary Health Care Transition Fund 8,263,550
Interdisciplinary Primary Care Agency Model: A Demonstration Project

External (Received)

- July 2004 Canadian Cancer Etiologic Research Network 13,260
Associations between familial colorectal, breast, and prostate cancers and multiple metabolic syndrome-associated diseases in the 1998 National Population Health Survey
- March 2004 with Dietitians of Canada
MOHLTC, Primary Health Care Transition Fund 734,600
Interdisciplinary Nutrition Services in Family Health Networks/Primary Care Network Models: A Demonstration Project
- 2003 with Rhona Hanning, Jose F Arocha
Canadian Foundation for Dietetic Research 50,000
Diet Management Care Maps for Dyslipidemia (DMCMD) Study
- 2000 with Rhona Hanning, Pauline Darling, Judy Sheeshka
St. Michael's Hospital Health Sciences Research Program 10,000
Understanding dietary change in cardiac care: nutrition specific self-efficacy, locus of control for nutrition and perceived social support for nutrition in predicting dietary change at three months.
- 2000 with Rebecca Davids, Beth Thomsett-Scott
Canadian Diabetes Assoc 19,020
Identifying food components and nutrients that may modify cardiovascular disease risk in diabetes mellitus.
- 1999 with Prof Terrence Graham, Danielle Battram
Danone Institute 20,000

Effects of a behavioral weight loss program on health related quality of life in women.

1996 with Prof Rhona Hanning
Canadian Egg Marketing Agency 10,000
Assessing dietetic practice for dyslipidemia: environmental and process factors.

Internal (Received)

2002	Deans Fund	5000
1999	Chairs Trust Fund	200
	Undergraduate thesis	
Summer 99	University of Guelph Undergraduate Research Assistantship Proposal development	~4500
Summer 98	University of Guelph Undergraduate Research Assistantship Questionnaire development	~6000

TEACHING GRANT

April 2002-03 Universal Instructional Design development grant from Teaching Support Services, University of Guelph, to re-design two courses with web based resources, instructional design improvements, illustrations and practice study questions (NUTR*3040 and NUTR*4040). 20,000

FELLOWSHIPS/ AWARDS

2004 Volunteer recognition award from Dietitians of Canada
2003 Ryley-Jeffs Memorial Lecturer, Dietitians of Canada.
2001 Volunteer recognition award from Dietitians of Canada.
1993-96 National Health Research and Development Program PhD Fellowship *Health Canada*.
1992-93 University of Toronto Open scholarship *University of Toronto*.
1989 Mead Johnson Award for Scientific Writing *Canadian Dietetic Association*.
1977-79 Teaching Assistantship *University of Wisconsin-Madison*.

AFFILIATIONS

March 2001- Adjunct Professor, Dept Human Biology and Nutritional Sciences, University of Guelph

PUBLICATIONS

Lifetime Summary

Refereed Publications	12
Abstracts and/or papers read at scientific meetings	18

In Preparation

Brauer PM, Davids R, Thomsett-Scott E, Toews H, Wong S, Bell R, Camelon K, Conquer J, Holub B, Omichinski K, Rochon G, Sheeshka J, Zeiler S. Systematic review of food supplement effects on lipoprotein concentrations in type 2 diabetes mellitus (submitted)

Brauer PM, McKeown-Eyssen G. Strategies for assessing the effects of measurement error in planning case-control studies.

Sinclair S, Brauer PM. The multiple metabolic syndrome and cancers of the developed world: a comprehensive review of personal medical history studies.

Toews H, Brauer PM, Gray M, Schwenger S. Health related quality of life over one year among overweight women in a behavioural weight loss program.

Brauer PM, Alaverdy H, Basualdo-Hammond C, Cook S, Dumas A, Holuk Siddall L, Jackson S, Leadlay AG, Schmeltzer J, Seward C, Zibrik D, Sinclair S, Toews H, Thirsk J, Dietrich L, Corby L. A proposed framework for dietetics practice guidelines: identification of key elements using a modified Delphi process (methods paper)

Refereed Publications

Brauer PM, McKeown-Eyssen GE et al. Familial aggregation of diabetes and hypertension in a case-control study of colorectal neoplasia. *Am J Epidemiol* 2002; 156:702-13.

Hanning RM, Diaz R, Brauer PM. Key process and organization indicators in the dietetic management of dyslipidemia in Canada. *Can J Diet Prac Res* 2002; 63:10-19.

Desrochers N, Brauer PM. Legume promotion in counselling: an e-mail survey of dietitians. *Can J Diet Prac Res* 2001;62:193-198.

Brauer PM, Ozechowsky P, Kanyok K, Kohut S, Wong S. The role of diet in the prevention of hypertension: official position of the Canadian Dietetic Association. *J Can Diet Assoc* 1989; 50:12.

Brauer PM, Imes S, Thomson ABR. Economic impact of nutrition counselling in patients with Crohn's disease in Canada. *J Can Diet Assoc* 1988; 49:236.

Brauer PM, Swinamer D. Nutritional support of the critically ill (part 2). *J Can Diet Assoc* 1985; 46:304.

Brauer PM, Swinamer D. Nutritional support of the critically ill (part 1). *J Can Diet Assoc* 1985; 46:292.

Brauer PM., Gee MI, Grace M, Thomson ABR. Diet of women with Crohn's and other gastrointestinal diseases. *J Am Diet Assoc* 1983; 82:659.

Slavin JL, Sempos CJ, Brauer PM, Marlett JA. Limits of predicting gastrointestinal transit time from other measures of bowel function. *Am J Clin Nutr* 1981; 34:2111.

Marlett JL, Slavin JL, Brauer PM. Comparison of dye and pellet gastrointestinal transit time during controlled diets differing in protein and fiber levels. *Dig Dis Sci* 1981; 26:208.

Slavin JL, Brauer PM, Marlett JA. Neutral detergent fiber, hemicellulose and cellulose digestibility in human subjects. *J Nutr* 1981; 111:287.

Brauer PM, Slavin JL, Marlett JA. Apparent digestibility of neutral detergent fiber in elderly and young adults. *Am J Clin Nutr* 1981; 34:1061.

Abstracts

Skinner K, Brauer P, May HA, Heipel R, Lessio A, Cameron R, Hanning RM. CARDIOVASCULAR HEALTH PROMOTION IN COMMUNITIES: IDENTIFYING BEST PRACTICES FROM LITERATURE AND EXPERT INFORMANTS submitted to the International Society for Behavioral Nutrition and Physical Activity, June 2004.

Yung W, Brauer P. First survey of dietitians in primary health care around the world. International Congress of Dietetics, Chicago, May 2004.

Darling P, Morningstar M, Chappell J, Brauer P, O'Connor D, Bright-See E, Bradley C, Zeiller, S, Morgan S and Dietrich L. Development of a research dynamics model to enhance dietitians' involvement in research. International Congress of Dietetics, Chicago, May 2004.

Hanning RM, May HA, Skinner K, Walker RL, Cameron R, Lessio A, Brauer PM. IDENTIFYING BEST PRACTICES IN CARDIOVASCULAR HEALTH PROMOTION IN SCHOOLS: COMPARISON OF SYSTEMATIC LITERATURE REVIEW VERSUS NOMINATED PRACTICES SCAN. Conference of the International Society for Behavioral Nutrition and Physical Activity, Quebec City, July 17-20, 2003.

Brauer P, Davids R. Effects of nine food constituents on glycemic control in subjects with diabetes: a meta-analysis. *Can J Diabetes Care* 2002; 26 (3): 285.

Toews H, Brauer PM, Gray M, Schwenger S. Health related quality of life and health care utilization: a pilot study with overweight women participating in a behavioural weight loss program. Presented at Dietitians of Canada Conference, St John, NB, June 2002.

Brauer PM, Toews H, Gray M, Schwenger S. Weight and health related quality of life changes in women categorized by degree of insulin resistance after participation in a weight loss program. Presented at Can Federation Biological Sciences Meeting, Montreal, PQ, June 2002.

Brauer PM, G McKeown-Eyssen, V Jazmaji, AG Logan, DF Andrews, DJA Jenkins, N Marcon, F Saibil, L Cohen, H Stern, D Baron, G Greenberg, E Diamandis, G Kakis, W Singer, G Steiner. Familial Aggregation of Prostate Cancer in Colorectal Neoplasia. *Am J Epidemiol* 2001; 153 (Suppl): S117.

Brauer PM, G McKeown-Eyssen, V Jazmaji, AG Logan, DF Andrews, DJA Jenkins, N Marcon, F Saibil, L Cohen, H Stern, D Baron, G Greenberg, E Diamandis, G Kakis, W Singer, G Steiner. Familial Aggregation of Diabetes, Hypertension and Cardiovascular Conditions in Colorectal Hyperplastic Polyps. *Am J Epidemiol* 2001; 153 (Suppl): S117.

Davids R, Thomsett-Scott B, Brauer P. Poor reliability of a systematic search of the clinical trial literature using electronic databases. *Can J Diabetes Care* 2000; 24 (3): 108.

Murtaza S, Brauer P. Preferences for diet, exercise and medications to prevent cardiovascular disease among Canadian South Asians. *Can J Diet Prac Res* 2000; 61:109.

Brauer PM, Moss LA, Diaz R, Hanning RM Organization Factors are Associated with Dietitian Counseling Practice for Dyslipidemia in Canada. 3rd International Conference on the Scientific Basis of Health Services, Oct 1-3,1999.

Hanning RM, Diaz R, Moss LA, Brauer PM. Key Process Factors in the Dietetic Management of Dyslipidemia in Canada. *Can J Diet Prac Res* 1999; 59:123.

Brauer PM, Moss LA, Diaz R, Hanning RM. Organizational Factors are Associated with Counseling Practice for Dyslipidemia. *Can J Diet Prac Res* 1999; 59:123.

Courtney-Martin G, Hanning RM, Brauer PM. Dietitians' practices for managing hyperlipidemia in multi-disciplinary and separate services settings. *Can J Diet Prac Res* 1998; 59:152.

Brauer PM. Effectiveness of individual diet therapy for hypercholesterolemia in a primary care practice. Victoria, BC: Intl Heart Health Conference, 1992.

Brauer PM, Marlett JA. Apparent digestibility of dietary fiber in elderly subjects. *Fed Proc* 1979; 38:768.

Marlett JA, Slavin JL, Brauer PM. Gastrointestinal function in human subjects. Rio: International Congress of Nutrition 1978.

Other Works

Brauer PM. 2003 Ryley-Jeffs Memorial Lecture. Practice guidelines: pedantic pontification or pragmatic progress? *Can J Diet Prac Res* 2003; 64:142-146.

Brauer PM, Alaverdy H, Basualdo-Hammond C, Cook S, Dumas A, Holuk Siddall L, Jackson S, Leadlay AG, Schmeltzer J, Seward C, Zibrik D, Sinclair S, Toews H, Thirsk J, Dietrich L, Corby L. Dietetic Practice Guidelines Framework: Key elements and rationale. 2003. Available from: http://www.dietitians.ca/members_only/practicemanagement.asp

Written on behalf of Dietitians of Canada Board: DC Members' Learning Needs, 2000. Referred to in Members in Action, August 2000 newsletter of Dietitians of Canada. Available from: www.dietitians.ca/diet/html/member_forum.asp

Written on behalf of Dietitians of Canada Board: Board in Action, in Members in Action, September 1999: Contemplating our Future.

Brauer PM. Total quality management (editorial). *J Can Diet Assoc* 1991; 52:129.

Brauer PM. The case report (editorial). *J Can Diet Assoc* 1991; 52:71.

Brauer PM. A forum for discussion and research (editorial). *J Can Diet Assoc* 1990; 51:385.

Brauer PM. The manuscript review process (editorial). *J Can Diet Assoc* 1990; 51:269.

Brauer PM. Research, dietetics and the Journal (editorial). *J Can Diet Assoc* 1989; 50:203.

Brauer, P (ed). Edmonton Hospitals Diet Therapy Guidelines. Edmonton: Edmonton Hospitals Diet Therapy Committee, 1984.

INVITED PRESENTATIONS (Scientific and Professional)

- May 2004 **Advocating for Dietitian Services in Primary Health Care.** *Hamilton Mental Health and Nutrition Program team meeting.*
- April 2004 **Interdisciplinary Nutrition Services in Family Health Networks/Primary Care Model Sites: A Demonstration Project.** *Dietetic Interns Professional Development Days, Toronto*
- Feb 2004 **Advocating for Dietitian Services in Primary Health Care.** *Community Dietitians in Health Centres Annual Conference, Ottawa.*
- Jan 2004 **Interdisciplinary Nutrition Services Forum for Family Health Network Lead Physicians.** *Ontario Family Health Networks, Toronto.*
- May 2003 **Practice Guidelines: Pedantic Pontification or Pragmatic Progress** *Ryley-Jeffs Memorial lecture, Dietitians of Canada Conference, Calgary.*
- May 2003 **Advocating for Dietitian Services in Primary Health Care** *Dietitians of Canada Conference, Calgary.*
- Mar 2002 **Dietetic Services in Primary Health Care Reform: New Opportunities** *Dietetic Interns Professional Development Days, Toronto*
- April 2001 **Primary Health Care - Where we are, where we want to be** *Dietetic Interns Professional Development Days, Toronto*
- Nov 2000 **Accounting for Measurement Error at Study Planning** *Department of Population Medicine, University of Guelph*
- May 2000 **Practice 2010** *Dietitians of Canada Annual Conference, Ottawa*
- Dec 1999 **Soup to Nuts - Diet in Coronary Heart Disease** *Nutrition Workshop for Unit 1 medical students, McMaster University*
- April 1999 **Organizational Factors are Associated with Practice for Dyslipidemia** *Dietitians of Canada Cardiology Practice Group, Toronto.*
- Feb 1997 **Nutrition Screening** *ODA Community Dietitians in Health Centres, Ottawa.*
- Jan 1997 **Measurement in Dietetics** *ODA Clinical Nutrition in Management, Toronto.*
- Spring 1996 **Measuring Outcomes** *ODA Clinical Nutrition in Management, Toronto.*
- Oct 1995 **Moderator: Antioxidants - From Research to Practice** *ODA Annual Conference, Toronto*
- Oct 1994 **Antioxidants** *Saskatoon Nutrition Group, Saskatoon.*
- Sept 1994 **Antioxidants** *Annual Geriatric Nutrition Workshop, Ottawa.*
- June 1993 **Antioxidants** *CDA Annual Conference, Toronto.*
- Oct 1992 **Assessing Clinical Dietetics Services** *ODA Annual Meeting, Kingston*
- Nov 1986 **Research in Clinical Dietetics for the British Columbia Dietitians/Nutritionists Association,** *Vancouver.*
- Oct 1986 **Nutritional Support of the Critically Ill for the Nova Scotia Dietitians Association** *Fall Conference, Halifax.*
- April 1986 **Cost Benefit of Nutrition Counselling for the Continuing Education Committee of the Alberta Registered Dietitians Association,** *Edmonton.*
- Jan 1983 **Biochemistry Update for the Continuing Education Committee for Alberta Registered Dietitians Association,** *Edmonton (6h).*

OTHER PRESENTATIONS (Recent only)

- Nov 2003 **Nutrition after Prostate Cancer – What’s New?** *Guelph Prostate Cancer Support Group*
- Mar 2000 **Nutrition in Prostate Cancer - Conference Highlights** *Guelph Prostate Cancer Support Group*

May 1998 **Nutrition in Prostate Cancer** *Guelph Prostate Cancer Support Group*

STUDENT SUPERVISION

Undergraduate Thesis Advisor

2003-04	Megan Carter, BSc	Is there an association between indicators of health and well-being and overweight or obesity in adolescents aged 12-15 y in the 1998 National Longitudinal Survey of Children and Youth?
2002-03	Winnie Yung, BSc	First survey of dietitians in primary health care around the world.
2001-02	Lesley Moisey, BSc	The impact of caffeine or coffee in the insulin response to ingestion of a carbohydrate meal.
1999-00	Natale Desrochers, BSc	Barriers to encouraging legume consumption: dietitian survey.

Graduate Advisor

2002-04	Ellen Gregg, MSc	Life events – weight history study
2002-	Asha Sheikh, MSc	Weight changes in the peri-diagnostic period among individuals who develop diabetes mellitus
2001-03	Susan Sinclair, MSc	Familial aggregation of colorectal, breast and prostate cancers among respondents with diabetes in the National Population Health Survey
2000-02	Helen Toews, MSc	Health Related Quality of Life and Health Care Utilization Before and After a Behavioral Weight Loss Program: A Pilot Study in Overweight and Obese Women
1998-00	Rebecca Davids, MSc	Identifying foods and food components that may improve cardiovascular disease risk in persons with Type 2 diabetes mellitus.
1997-00	Saima Murtaza, MSc	Feasibility of conjoint analysis to determine preferences for exercise, diet or medications to prevent heart disease in Canadian South Asians.

Member of Advisory Committee

2003-	Mary Ann Boccock, PhD	To be determined
2001-	Derek Woodgate, PhD	The effects of a novel nutraceutical on cardiovascular and Alzheimer's disease risk factors

2000-02	Karen Kuperberg, MSc	Anthropometric status and feeding of infants and preschoolers from birth to 48 months of age living in a First Nations community
2000-01	Sharon Wong, PhD	Psychosocial determinants of appetite in seniors
2000-01	Jennifer Bowman, MSc	Validation of the nutrition section of the minimum data set 2.0 in chronic care and nursing home residents.
1997-02	Crystal O'Leary, MSc University of Toronto	Understanding dietary change in people with heart disease.

Qualifying Examinations

June 04	Linda Greene-Finestone	PhD thesis defense, external examiner University of Western Ontario
Oct 03	Melanie Paquette	MSc thesis defence
July 03	Joanna Nicol	MSc thesis defence
April 03	Livia Augustin	PhD, Nutritional Sciences
Dec 02	Mary Ann Boccock	PhD, Applied Human Nutrition
June 02	Sharon Wong	PhD, Applied Human Nutrition
Sept 99	Kenneth Stark	PhD, Nutritional Sciences

PROFESSIONAL ACTIVITIES

Reviewer - Manuscripts and Proposals (recent)

2004	Canadian Journal of Dietetic Practice and Research
2002-04	Canadian Foundation for Dietetic Research grant review process
2003	Review content for Canada Health Network web page
2003	External reviewer for the Canadian Diabetes Association 2003 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada
2002	Journal of the American Medical Association
2002	Journal of Cancer Epidemiology, Biomarkers and Prevention
2002	Canadian Cancer Etiology Research Network
2002	Canadian Journal of Dietetic Practice and Research
2001	Canadian Institutes of Health Research, Institute of Nutrition, Metabolism and Diabetes

Professional Committee Work

Nov 2003-	Member, Advisory Board for Quality in Family Practice Settings project. Principal Investigator: Dr. Cheryl Levitt, McMaster University and funded by Primary Health Care Transition Fund.
Nov 2003-	Member, Steering Committee to Develop Evidence-Based Best Practices for the Nutritional Management of Diabetes with representation from Dietitians of Canada (DC), the Canadian Diabetes Association (CDA), DiabIIte Québec (DQ) and the Ordre professionnel des diététistes du Québec (OPDQ). Charged with overseeing development of best practices documents for dietitians and others providing diet counseling.

- Sept 2001-02 **Chair, Practice Guidelines Task Group** Charged with reviewing the literature and identifying best practices for development of practice guidelines with a national review group for Dietitians of Canada.
- Nov 2000- **Chair of Primary Health Care Action Group** - Group advocates for availability of nutrition services as one component of preventive health care services to be offered in primary health care. *Central and Southern Ontario Region of Dietitians of Canada.*
- Jan 2001-02 **Member, Research Action Group** Group formed to encourage increased practitioner/researcher partnerships and evidence based practice. *Central and Southern Ontario Region of Dietitians of Canada.*
- July 2000-01 **Ad hoc committee** to draft responses to the Health Professions Regulatory Advisory Council and to the Ministry of Health and Long-term Care regarding the Ontario Naturopathic Profession's submission to HPRAC to become a regulated health profession. *Dietitians of Canada*
- Feb 2000 **Planning committee** for Annual Donor event titled: "The changing landscape of research ...where do we fit?" *Canadian Foundation for Dietetic Research.*
- Dec 1999 **Ad hoc committee** drafting submission to the Health Professions Regulatory Advisory Council regarding "Weighing the Balance" and the Review of the Regulated Health Professions Act. *Dietitians of Canada*
- Jan 1999 **Ad hoc review** of the Healthy Heart kit for primary care physicians. *Dietitians of Canada*
- 1999-00 **Research Grant Review Committee** *Canadian Foundation for Dietetic Research.*
- 1998-2000 **Board Member** *Dietitians of Canada.*
- 1996 **Ad Hoc committee** for response to changes in regulations for Nurse Practitioners. *Ontario Dietetic Association*
- 1995-2000 **Canadian Dietetic Registration Examination Committee** *Alliance of Canadian Dietetic Regulatory Bodies*
- 1991-92 **Board of Examiners** *Canadian Dietetic Association.*
- 1989-92 **District Dietitian Coordinator** *Canadian Cancer Society.*
- 1989-91 **Editor** Journal of the Canadian Dietetic Association *Canadian Dietetic Assoc.*
- 1988-89 **Nutrition Committee** *Ontario Dietetic Association.*
- 1985-88 **Committee on Insured Services** *Canadian Dietetic Association.*
- 1984-86 **Chairperson, Insurance Coverage Investigative Committee** *Alberta Registered Dietitians Association.*