

DENISE LYNN BUCHNER, PHD, MA, BED

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EDUCATION

PhD, University of Calgary (2011), Interdisciplinary Graduate Program. Specialization: Global Health Research
Thesis: Stories without Endings: A Study of Illness and Disability Narratives in Rural Lao PDR.
Summary: Ethnographic study of health seeking in rural Lao PDR; data collected using participant observation and interviews over eight months while living in a rural village; triangulated thematic analyses using Nvivo. Supported by SSHRC Doctorial Fellowship

MA, University of British Columbia (1998), Center for the Study of Curriculum and Instruction
Thesis: Deafness in Swaziland: A Social-Cultural Study of Deafness at the Siteki School for the Deaf.
Summary: Ethnographic study of social and cultural interpretations of deafness in Swaziland. Data collected using participant observations, interviews and video ethnography over 12 months; thematic analysis of data. Supported by Young Canadian Researchers Award (IDRC)

Bed, University of Calgary (1991). Specialization: Special Education

AFFILIATIONS / DESIGNATIONS

2017 **Canadian Evaluation Society**, member. Credentialed Evaluator application submitted.

2013 - **Adjunct Assistant Professor**, Department of Community Health Sciences, University of Calgary
present

WORK EXPERIENCE

April 2016- **Monitoring, Evaluation and Research Lead**, Strategic Partnerships and Community Engagement
Present (SPaCE), Cumming school of Medicine, University of Calgary
Accomplishments: Manage monitoring, evaluation and research activities for GAC funded MNCH project in Tanzania to improve health facility and community capacity to provide health services to pregnant women, delivering mothers, newborns and young children. Supervise Tanzanian and Canadian research staff, mentor team members and trainees, develop M&E/research plan, develop tools for quantitative and qualitative data collection, develop data analysis plan and write reports.

April 2014- **Senior Research Associate**, W21C, Cumming School of Medicine, University of Calgary
March 2016
Accomplishments: Manage multi-site(10) national clinical research project that examined patient transfer from the ICU to hospital ward. Supervise four local research staff and six research assistants located at 10 sites across Canada. Supervise undergraduate and graduate (masters and post-doc) students and other trainees. Write successful grant application to study patient transfer from ICU to home. Write reports (technical and financial) and publish manuscripts.

Dec 2013- **Principle Investigator, Engaging Private Drug Shops in Rural Uganda**
Dec 2015
Grand Challenges Canada, Stars in Global Health Round Six, University of Calgary
Accomplishments: Lead implementation science proof of concept MNCH project working with private drug shops in rural Eastern Uganda to improve capacity of drug shops to accurately recognize and treat malaria, diarrhoea, and pneumonia and improve child health indicators. Manage quantitative and qualitative data collection through exit interviews, drug shop surveys, focus group discussions and key informant interviews. Write reports and publish manuscripts.

- Sept 2006 – Aug 2016 **Lecturer** – CORE 583; Community Development in Community Rehabilitation University of Calgary, Community Rehabilitation and Disability Studies Program, Department of Community Health Sciences.
Accomplishments: Develop course content and evaluation criteria for both face-to-face (fall term/yearly) and on-line (spring term/yearly) delivery. Course content includes community development, leadership, capacity building, interdisciplinary approaches to research, social determinants of health, social inclusion, community mobilization / empowerment.
- July 2013 **Monitoring & Evaluation Consultant**, Healthy Child Uganda
Assist Canadian and Uganda staff to prepare for a mid-term evaluation of a Maternal, Newborn and Child Health project
Accomplishments: Review midline survey plans and recommend improvements; draft workplans, including logistics for midline household survey and health center audit; carry out sampling/randomization of the study; revise training manuals and train study coordinators; develop implementation plan. Write report
- March 2012- May 2013 **Research Lead**; University of Calgary, Department of Global Health and International Partnerships. Location: Mbarara, Uganda and Calgary, Canada
Accomplishments: 1) Lead research for baseline study for the scale-up of MNCH Interventions in two districts in Uganda; manage door-to-door surveys (~ 5,000) health center audit (50) and qualitative data collection. Supervision/train 27 research assistants, 3 supervisors, and 6 data clerks, develop tools, analyze data, and write reports. 2) Lead endline study for ICCM MNCH pilot project using quantitative and qualitative methods. Train/supervise 15 research assistants, two supervisors and three data clerks, develop tools, analyze data, write reports, develop abstract, write proposal for scale-up, focus on capacity building and publish manuscripts.
- Sept 2013- April 2014 **Supervisor** – MDSC 508, Honors Thesis University of Calgary, Faculty of Medicine
Accomplishments: Supervise a research-intensive full year course from development of a research proposal, ethics clearance, data collection, analysis and presentation.
- Sept 2012- June 2013 **Lecturer** - MCSC 528; Foundations of Qualitative Research, Independent Study University of Calgary; Department of International and Global Health
Accomplishments: Develop course content; develop rubrics; reading list; learning strategy; evaluate learning
- Oct 2011- March 2012 **Consultant Evaluator**, Canadian International Development Agency (CIDA):
Mid-term evaluation of the Micronutrient Initiative.
Accomplishments: Prepare work plan, develop evaluation tools and matrices, and carry out data collection. Area of focus included Iron and folic acid for adolescent girls and pregnant/postpartum women; vitamin A for children 6-59 months and postpartum women, zinc with ORS for treatment of diarrhoea; and Iodine. Conduct field visits/collect data in India and Bangladesh; conduct in workshops; write report
- April 2012- Sept 2012 **Consultant Researcher**, Veterans Affairs Canada
Accomplishments: Conduct Focus Group Discussions (FDG's) and Key Informant Interviews (KIIs) on the reintegration of veterans with chronic mental health conditions into the civilian workforce. Develop tools, conduct FDG and KIIs, transcribe and analyze data using thematic analysis (NVivo), write report.

- Oct 2009-
March 2010 **Consultant Evaluator**, Muttart Foundation, Edmonton, Alberta
Accomplishments: Evaluation of voluntary sector (Alberta) relationship with government and its receptiveness to the development of a provincial umbrella organization. Conduct literature review, develop and analyze provincial-wide e-survey using Survey Monkey; develop tools, conduct Focus Group Discussions and conversation café's; prepare reports; conduct findings workshop.
- Sept 2007-
Dec 2007 **Lecturer** – CORE 425; Social Construction of Disability and Health
University of Calgary, Community Rehabilitation and Disability Studies Program, Department of Community Health Sciences
Accomplishments: Develop content and evaluation criteria. Course topics included social problem theory and narrative analysis.
- Dec 2006-
June 2007 **Field Researcher**, University of Calgary, Location: Phatang Village, Lao PDR
Field research.
Accomplishments: Study health seeking behaviour and barriers to health care for rural and poor populations using qualitative research methods including interviews and participant observations. Data informed PhD thesis and subsequent book.
- Sept 2006-
Dec 2006 **Teaching Assistant** – CORE 603-01; Foundations of Community Rehab and Disability Studies
University of Calgary, Community Rehabilitation and Disability Studies Program, Department of Community Health Sciences
Accomplishments: Assist with course development, delivery of lectures, and evaluation of students.
- Sept 2005 –
Dec 2007 **Project Manager**
University of Calgary, Community Rehabilitation and Disability Studies Program.
Accomplishments: Manage evaluation project of how Canadian corporations use innovative information and communication technologies to employ disabled persons (Dis-IT). Funded through the SSHRC initiative in the New Economy. Prepare background documents; create workplans; supervise research team; prepare methodological framework; conduct interviews; carry out in mid-term evaluation; analyze data; write and published lesson learned report; present findings; develop documents for policy consideration; and prepare annual reports.
- Oct 2004-
June 2006 **Educational Specialist**, Self-Employment, Alberta
Accomplishments: Provide supplementary educational services to students with learning challenges in a one-on-one supportive environment. Responsible for all aspects of management, marketing, planning and development of company and learning resources. **Researcher**, British Columbia Deaf, Blind and Rubella Association
- Oct 1995-
March 1996 **Researcher**, British Columbia Deaf, Blind and Rubella Association
Accomplishments: Develop qualitative research project to assess the needs of persons who were deaf/blind and living in British Columbia. Develop tool; conduct phone interviews with people who were deaf/blind or their family members in British Columbia; write report
- Aug 1995-
Aug 1996 **Field Researcher, Siteki School for the Deaf, Siteki, Swaziland**
Accomplishments: Research social and cultural interpretations of deafness at the Siteki School for the Deaf in Swaziland using qualitative research methods. Data informed Master's thesis.
- Sept 1993-
March 1999 **Early Intervention Therapist**, Calgary Health Region, Alberta,
Accomplishments: Prepare in-home intervention programs for children 0-3 years who were developmentally delayed. Assist families to access community services and follow through on recommended interventions. Manage a caseload of 8-15 clients. Conduct in-home consultations bi-

monthly. Collaborate with other service providers. Assist families to connect with community services.

SERVICE ACTIVITIES

- Sept 2016 Present **Supervisory Committee Member**, M.Sc. Population and Public Health student
Mentor student through M.Sc program to develop/carry out a study related to the impact of global health elective programs on host institutions in Uganda, Tanzania and Ethiopia.
- July 2014 Present **O'Brian Institute of Public Health** member. University of Calgary
Supervise MDSC 508 honours thesis student; attend seminars; participate in institute activities
- June 2009 Nov 2012 **United Nations Institute of Research and Training (UNITAR)**
Mentor Afghan fellows working in the civil service/NGO sectors of Afghanistan on projects related to community development, public health, and education to increase organizational capacity
- Jan 2011- Dec 2014 **Board of Directors, Plan:Net Limited**
Participate in Board activities / decision making to support Plan:Net Limited, which is a consulting company that specializes in providing monitoring and evaluation / research services for international and national projects.
- Jan 1993- June 1993 **Canadian Crossroads International**, Siteki, Swaziland
Volunteer teacher at the Siteki School for the Deaf
- Jan 1993- June 1993 **United Nations High Commission for Refugees**, Swaziland
Assist with weekly food distribution at Mozambique refugee camp located at Malindza, Swaziland. Work with a team to conduct a census of the camp in May, 1993.

AWARDS AND SCHOLARSHIPS

Post-Doctorial

2012 Trevithick Book Prize, University of Calgary

Support for Doctorial Research

2008-09 SSHRC Doctorial Scholarship, University of Calgary
2007-08 University of Calgary Silver Anniversary Award, University of Calgary
2006 Graduate Research Scholarship, University of Calgary
2006-07 Chuck and Louanne Shultz Graduate Scholarship, University of Calgary
2006-07 University of Calgary Alumni Association Graduate Scholarship, University of Calgary
2006-07 University of Calgary International Fellowship Abroad, University of Calgary
2005-06 Dean's Entrance Scholarship

Support for Master's Research

2005-06 Special Entrance Award, University of Calgary
1995-96 Faculty of Education Research Award, University of British Columbia
1995-96 IDRC Young Canadian Researchers Award, University of British Columbia
1995-96 Syd Vernon Memorial Bursary, University of British Columbia
1995-96 University of British Columbia Honorarium, University of British Columbia

Undergraduate

1989 Catherine Hanier McMartin Bursary, University of Calgary

PROFESSIONAL DEVELOPMENT

- 2017 Advanced Skills in Data Visualization, Canadian Evaluation Society webinar
- 2017 UNavigate program course (enhanced management skills) UC
- 2005 - 2012 French language training, level I, II, & III, Mount Royal University
- 2011 Canadian Coalition for Global Health Research; Active Member
- 2010 CIDA Results-Based Management workshop, Calgary, Alberta
- 2009 Instructional Skills Workshop Certificate, University of Calgary
- 2009 Results -Based Management workshop, Calgary, Alberta

TECHNICAL SKILLS

Word, Excel, PowerPoint, Nvivo, SPSS , Access, CAPI, Survey Monkey, RedCap

RESEARCH CONTRIBUTIONS

Thesis

- Buchner, D. (2011). *Stories without endings: A study of illness and disability narratives in rural Laos*. PHD Thesis: University of Calgary
- Buchner, D.L. (1998) *Deafness in Swaziland: A Social-Cultural Study of Deafness at the Siteki School for the Deaf*. Master's Thesis, University of British Columbia, Vancouver, BC.

Book

- Buchner, D. (2016). *Reflections of an ethnographer. stories of illness and disability in Lao PDR*. Lambert Academic Publishing, Saarbrücken, Germany. ISBN: 978-3-659-97008-5

Book Chapter

- Marlett, N.J., & Buchner, D.L. (1992). *Special education funding for children with severe disabilities in Alberta*. In T. Booth, W. Swann, M. Masterton, & P. Potts (Eds.). *Policies for Diversity in Education, Learning for All*. (p.297-403). London: Routledge.

Reports

- Buchner (2012). *Baseline Report with full Analysis of Baseline Data for Healthy Child Uganda Muskoka Project*. Prepared for Healthy Child Uganda
- Buchner (2012). *Preliminary Baseline Report for Healthy Child Uganda Muskoka Project*. Prepared for Healthy Child Uganda
- LeBlanc, H., Robinson, S., Theriault, L., Hotz, C., & Buchner, D. (2012) Evaluation of the Micronutrient Initiative. P:N Limited. Prepared for CIDA global Initiatives Directorate.
- Farrar, P., & Buchner, D. (2010). Barriers and facilitators to optimal workplace re-integration of Veterans with mental health conditions. Prepared for Veterans Affairs Canada.
- Griep, L., Seidel, R., Buchner, D., Main-Thompson, N., Weaver, R., & Cox, P. (2010). *Making it work: study of the non-profit and voluntary sector in Alberta, its relations with government, and the feasibility and desirability of a sector umbrella organization*. Plan:Net Limited, Calgary. Prepared for The Muttart Foundation
- Neufeldt, A., Ackermann, M., Buchner, D., & Crawford, C. (2007). *The place of technology in employment of people with disabilities*. Calgary: Community Rehabilitation and Disability Studies Program, University of Calgary. Prepared for SSHRC, Initiatives in the New Economy.

Journal Articles

- Buchner, D., Kitutu, F., Cross, D., Nakamoga, E., & Awor, P. (submitted to PlosOne). *A cross-sectional study to identify*

the distribution and characteristics of licensed and unlicensed private drug shops in rural Eastern Uganda to inform an iCCM intervention to improve health outcomes for children under five years

- Brenner, J., Barigye, C., Maling, S., Kabakyenga, J., Nettel-Aguirre, A., Buchner, D., Kyomyhang, T., Pim, C., Wotton, K., Amon, N., Singhal, N. (2017). *Where there is no doctor: Can volunteer community health workers in rural Uganda provide integrated community case management*. African Health Sciences 17(1).
- Buchner, D., Kitutu F., Cross, D., Nakamoga, E., Awor, P. (2016) *A cross sectional study to identify the distribution and characteristic of licensed and unlicensed drug shops in four sub-counties of Kamuli District in rural Eastern Uganda*. Under review by BMJ open.
- Kabakyenga, J., Barigye, C., Brenner, J., Maling, S., Buchner, D., Nettle-Aguirre, A., Singhal, N., Kyomuhangi, T., Tumuslime, D., Finch, J., MacLeod, S. (2015). *A demonstration of mobile phone deployment to support the treatment of acutely ill children under five in Bushenyi District, Uganda*. African Health Sciences (WKRO-2015-05-0391.R1).
- Buchner, D & Awor, P. (2015). A protocol for engaging unlicensed private drug shops in rural eastern Uganda for Integrated Community Case Management (ICCM) of malaria, pneumonia and diarrhoea in children under five years of age. *BMJ Open* 2015;5:e009133.doi:10.1136/bmjopen-2015-009133
- Buchner, D, Bagshaw, S., Dodek, P., Fowler, R., Lamongagne, F., Turgeon, A., Potestio, M., & Stelfox, T. (2015). Perspective cohort study protocol to describe the transfer of patients from intensive care units to hospital wards. *BMJ Open* 2015 5: doi: 10.1136/bmjopen-2015-007913.
- Buchner, D., Brenner, J., Kabakyenga, J., Kyomuhangi, T., Maling, S., Barigye, C., Nettle-Aguirre, A., & Singhal, N. (2014). Stakeholder' perceptions of integrated community case management by community health workers: a post-intervention qualitative study. *PlosONE* 9(6) e98610.
- Mercader, H., Teddy, K., Brenner, J., D, Buchner, D., Kabakyenga, J., & Singhal, N. (in press.). Drugs for some but not all: Inequality within community health worker teams during introduction of integrated community case management *Human Resources for Health*.
- Neufeldt, A.H., Watzke, J., Birch, G., & Buchner, D. (2006). Engaging the business/industrial sector in accessibility research: Lessons in bridge building between foreign contexts. *The information Society. Special Issue on Accessible and Inclusive Information Technologies*. 23(5).
- Buchner D. (1994). *Community-based rehabilitation: Issues and considerations for providing rehabilitation services in developing countries*. *International Journal of Special Education* 9(2/3), 106-122.

Workshops/Trainings/Presentations

- 2017 *Introduction to Monitoring and Evaluation* for the Mama na Mtoto team, Presented March 30, 2017 at CUHAS, Tanzania to CUHAS staff and Mama na Mtoto team members
- 2016 *Qualitative research methods*, Presented July 20-22 to the CUHAS staff and Mama na Mtoto staff at CUHAS, Tanzania
- 2016 *Health Facility Audit data collection methods*, July 25-27, 2016 to CUHAS staff and Mama na Mtoto team members
- 2016 *Household Survey data collection training*, August 22-September 8, 2016 to CUHAS staff and Mama na Mtoto team members
- 2014 *Developing and Evidence-Informed ICU Discharge Toolkit*. Presented September 24, 2014 at the Annual TVN Conference, Toronto, Ontario.
- 2012 *Micronutrient Mid-Term Evaluation Results*: Presented February 17, 2012, CIDA headquarters, Ottawa, Canada with Plan:Net Limited
- 2011 *Leadership and Organizational Development for Performance and Results & Project Planning and Proposal Writing*. Presented in Abu Dhabi, UAE, July 11-20, 2011 with the United Nations Institute for Training and Research.
- 2010 *State of Voluntary Sector in Alberta and Receptiveness to Overarching Organization*, Presented March 10, 2010 in Edmonton for the Muttart Board of Directors with Plan:Net limited.
- 2010 *Leading Change in Organizations*. Presented in Dubai, UAE, July 12-20, 2010 with the United Nations Institute for Training and Research
- 2009 *Change strategies, project implementation and team management* Presented in Hiroshima, Japan October 16-23, 2009 with the United Nations Institute for Training and Research

- 2006 *Workplace-theme results*: Presented November 26, 2006 at the Dis-IT conference, *Hard-Wiring Inclusion Challenges of engaging industry in research on accessibility*. Presented May 12, 2005 at the *Dis-IT Research Alliance Institute* with The University of Calgary.
- 1997 *Deafness in Swaziland*: Presented November 6, 1997 at the University of British Columbia, International Seminar Series.
- 1994 *Disabilities in Swaziland*. Presented March 15, 1994 at the University of British Columbia, Faculty of Anthropology

Conferences

Presenter

- 2017 Canadian Global Health Conference (October 2017 – upcoming). Topic: Engaging Private Drug Shops in Uganda
- 2014 TVN annual conference, Toronto, Canada Topic: Developing an Evidence Informed ICU Discharge Tool. September 24, 2014

Poster

- 2010 Poster Presentation: Unite for Sight Global Health and Innovation Conference. Topic: *Health Seeking and Disability in Rural Laos*. April 17-18, 2010

Participant

- 2010 Unite for Sight Conference on Global Health Innovation, Yale University, poster presenter.
- 2009 Canadian Association of International Development Consultants Conference, Ottawa, Ontario
- 2009 United Way Outcomes and Evaluation Conference, Calgary, Alberta
- 2006 CIDA conference on Children's Rights and International Development – Research, Challenge, and Change, Ottawa, Ontario