Curriculum Vitae Jayne Renee Pivik

RR1, D59, Bowen Island, B.C., Canada, V0N1G0 Phone/Fax: (604) 947-9197 e-mail:.jayne.pivik@ubc.ca or jaynepivik@aprioriresearch.com

Areas of Interest

Applied community research, especially related to child/youth health, development and well-being. Areas of expertise include: community-based participatory research; neighbourhood/community influences on health and well-being; child and youth development; facilitators and barriers for community involvement in health, social policy and services; human-environmental interactions; and access for individuals with disabilities and the elderly. Proficiency in child participation strategies, collaborative processes, quantitative and qualitative research methods, community asset mapping, policy scans and program evaluations.

Education

Postdoctoral Fellowship, The CHILD Consortium/ Human Early Learning Partnership, College of Interdisciplinary Studies, University of British Columbia, September 2005- September 2008. Focus on early child development.

The major study in this Fellowship was a multi-method, multiple perspective investigation of neighbourhood/community effects on the health and well-being of children and youth. A key component of the project was the acquisition of the community's child/youth perspective using a variety of methods (cognitive mapping, interviewing, community asset mapping, photo-essaying, participatory tours and focus groups). One hundred and twenty-two children aged 4-15 years participated in identifying those factors in the community which were positive and negative for their well-being, as well as offering solutions. Further, interviews were conducted with parents, teachers, health professionals and social service workers; parents completed neighbourhood surveys; a windshield survey was conducted to examine the physical environment and population and community level data were collected and analyzed.

The second study of the Fellowship involved conducting a process evaluation of eight community-academic studies in the Consortium for Health, Intervention, Learning and Development (the CHILD Project) in order to identify those factors which facilitated and/or hindered collaboration. This evaluation examined training and educational needs, required resources, organizational support requirements, communication strategies, inter-personal factors and decision making strategies from the perspective of both community and academic research partners.

Doctorate, Community Psychology, University of Ottawa, 2000-2004

Thesis was entitled *The effect of role on the identification of architectural barriers* and their salience in an inclusive environmental assessment. Integrating the areas of community, environment and social psychology, this research addressed the question of whether one's role in the environment influences how that environment is perceived and evaluated. Principals, teachers and students (with and without

Jayne Renee Pivik * jayne.pivik@ubc.ca * www.aprioriresearch.com

disabilities) identified accessibility barriers for individuals with disabilities in 109 schools.

Comprehensives were entitled: A systematic examination of the mechanisms, models and impact of involving citizens in health decision making. This paper examined how community members can be meaningfully involved in health care decision-making at various levels and using different involvement methods. The results of this systematic review were then compared to models of participation and the reported advantages of participation.

Supervisor- Dr. Joan McComas

Masters of Arts, Social Psychology, Carleton University, 1990-1993

Social psychology stream. Thesis was entitled *Catastrophizing*, *preparatory* information and responses to a stressful medical procedure.

Supervisor- Dr. Mick Sullivan

Baccalaureate of Arts, Honours, Psychology, University of Ottawa, 1981-1985

Completed full honours program, with a concentration in the areas of social and developmental psychology. Thesis: Client affect expression in relation to therapeutic feedback of nonverbal behaviour: An empirical investigation of individual Gestalt psychology.

Supervisor- Dr. Henry Edwards

Employment

1990 - Present-Research Consultant, Apriori Research, CEO

Company specializing in child and youth engagement in planning, service, development and research. Apriori Research also plans, conducts and evaluates: community based research; community asset mapping; assessment of communities and neighbourhoods for health, well-being and inclusion; community mobilization; Child Friendly Communities/Cities; assessment of schools; neighbourhoods and communities for physical and social inclusion for students with disabilities and special needs; partnership building and community-based participatory research; and conducts policy scans. See www.aprioriresearch.com.

Sept. 1, 2008 – Present- Research Associate (Hon.), Human Early Learning Partnership, University of British Columbia

2008-2009 - Sessional Lecturer, Faculty of Education, UBC

2005-2008- Post-doctoral Fellowship, **Human Early Learning Partnership**. See Education.

September 1996 - Dec. 2002- Research Associate, University of Ottawa, The Rehabilitation Sciences Virtual Reality Lab- Part-time position

Responsibilities included grant writing, data collection (quantitative and qualitative methods), analyses and write-up. Project Director and Primary Investigator for a study entitled: The disability awareness virtual reality project whose aim was to develop and evaluate a virtual reality program that teaches disability awareness. Coinvestigator and Project Director for a study entitled: CrossPoints- Evaluating the effectiveness of a virtual reality program for promoting children's pedestrian safety. The aim of this project was to develop and evaluate a desktop virtual reality program that teaches children how to safely cross streets.

February 1996 – 1997- Community Research Fellow, Educating Future Physicians of Ontario.

Received a Community Fellowship to examine the process issues for facilitating collaborative research between consumers and health researchers. Specifically, this study examined effective strategies, ascertained opinions about the necessary skills, resources, training and level of knowledge needed from consumer partners, identified the barriers and constraints encountered, and determined how these barriers were resolved.

August 1988 - January 1997- Research Coordinator, The Institute for Rehabilitation Research and Development. The Rehabilitation Centre, Ottawa, Canada, Full-time.

Consulted on all aspects of research design and execution as well as the preparation of grant proposals, computer programming of statistical package software, and analyses of research results. Responsible for reviewing and evaluating research proposals prior to submission for ethics review. Coordinated the external peer review process of all submitted research proposals. Responsible for program evaluation and assessment of all research activities at The Centre. Responsible for the organization, development and distribution of an Annual Research and Development Report. Assisted the Director of Research with the planning and management of research activities. Responsible for the organization and implementation of research education activities, involving seminars and written guidelines. Conducted research in the areas of coping, stress, and community/consumer participation.

June - August 1988 - Arts and Crafts Program Director, Camp Towhee-Integra Foundation. Toronto, Ontario, Canada, Term position

Worked as a teacher and program assistant at a camp for *children with learning and attention deficit disorders with associated social and behavioural problems*. Involved group and individual programming of activities, teaching techniques related to arts and crafts, camp-wide programming and other associated camp responsibilities.

June 1986 - June 1988- Research Technician and Psychometrist, Human Neuroscience Research Unit, University of Ottawa, Full-time position

Participated in a prospective study of individuals with traumatic brain injury. My role was to conduct an extensive neuropsychological and social recovery assessment of individuals who had received brain trauma immediately post injury and at 6-month follow-up. Also assisted in the research project decision making; scheduled all patient and control testing and feedback dates; involved in the formulation of necessary tests and forms; scored and recorded all data; performed appropriate statistical analyses and their interpretation; wrote reports, papers and assisted in the preparation of graphic displays. As well, participated in library research and assistance with other projects as requested.

December 1985 - September 1986- Research Assistant, Cardiac Rehabilitation and Prevention Unit, University of Ottawa, Heart Institute

This study examined stress management techniques and compliance in patients with a history of cardiac infarction. My role involved recruitment of subjects, coding and computer analyses of data, formulation and organization of testing material, background research and the supervision of therapy sessions.

January 1986 - March 1986- Research Assistant, Department of Education, University of Ottawa, Contract position

This position involved extensive computer programming and analyses to determine the reliability of a new educational tool.

June 1985 - September 1985- Research Assistant, Transport Canada, Dept. Of Counseling, Testing and Research, Term position

Involved computer programming and analyses, coding of data and background research, and the formulation and teaching of a user-friendly manual for Statistical Analysis Systems (SAS) using the language of WLYBIR.

May 1985- Research Assistant, Taxation Canada, Federal Study Centre, Contract position

Involved research for the assessment of Taxation Canada's facilities and services. Short-term assignment involving role playing and recording of results in both English and French.

Awards, Scholarships & Appointments

2009	Board member, The Knick Knack Nook- Re-use it Shop
2008	Board member, Child and Youth Friendly Communities, Society
	for Children and Youth, Vancouver, BC
2007-2008	Community Service and Learning Director, Island Pacific School
2006	National advisor, Healthy Children, Healthy Communities,
	United Nations of Canada
2005- 2008	Post-doctoral Fellowship- University of British Columbia
2002	Special competition for bursaries, School of Psychology,
	University of Ottawa
2000-2004	Graduate Scholarship, Social Sciences Humanities Research
	Council
2000-2002	Graduate Scholarship, NSERC - refused due to acceptance of
	SSHRC
2000-2004	Award of Excellence, University of Ottawa
2000	Strategic Areas of Development Award, University of Ottawa
2000	Award of Distinction, Ottawa Council of Research in Innovation
1996	Community Research Fellowship, Educating Future Physicians of
	Ontario

Grants Received

2008- UBC Health Research Resource Office: CIHR Pillars 3 and 4 Development Program, \$5,000. Obesity and Children with Disabilities: An Exploration of the Built Environment. Co-investigator.

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- 2008- Heart and Stroke Foundation of Canada- Development grant. \$2,905. The impact of the built environment on participation, well-being and obesity for children and youth with disabilities (wrote grant application). Co-investigator.
- 2003- Merrick Frosst (unrestricted educational grant), \$20,000. *A Model for Consumer Involvement in Health Technology Assessment*. Principal investigator.
- 2002- Upper Canada District School Board, \$25,000. The effect of role and salience on inclusive environmental assessments. Principal investigator.
- 1998- Human Resources Development Canada, Office of Person's with Disabilities, \$35,000, *The Disability Awareness Virtual Reality Project.* Principal investigator.
- 1998- Nortel Canada. *The Disability Awareness Virtual Reality Project*, \$30,000. Principal investigator.
- 1998- The Ontario Neuroscience Research Initiative. \$119,800., *Effectiveness of Virtual Reality in Promoting Children's Pedestrian Safety.* Co-investigator.
- 1996-1997- Educating Future Physicians of Ontario, Community Research Fellowship. \$13,000., *Strategies for Facilitating Collaborative Research Activity.* Principal investigator.
- 1996- Health Information Partnership (1996-1997), \$9,000., *Involving the Community in Population Health Information*. Principal investigator.
- 1992-1995- The Labatt's Blue Light Relay Fund, \$6,140., Catastrophizing, Preparatory Information and Responses to a Stressful Medical Procedure. Principal investigator.
- 1991-1995- The Stanley Knowles Foundation, \$15,340., Heel lift vs. Sole-heel lift in the Treatment of Leg Length Discrepancy (wrote grant application and proposal). Co-investigator.
- 1994- The Stanley Knowles Foundation, \$10,000, *Vocational Survey of Spinal Cord Injured Patients*. Co-investigator.
- 1993-1994- The American Association for Spinal Cord Injury Nurses, \$6,738.75, *Catheter Cleaning for Re-use in Intermittent Catheterization.* Co-investigator.

Refereed Publications

Pivik, J. & Hillel, G. (Submitted). Evaluation of a community-based participatory research consortium focused on child health and well-being. *Health Education & Behavior*.

- **Pivik**, **J**. (submitted). Can youth effectively evaluate their schools for architectural barriers?: The effect of role on the identification of barriers in an inclusive environmental assessment. *Journal of Environmental Psychology*.
- **Pivik, J.**, & Goelman, H. (prospectus under review). Lessons in collaboration. In *Rules, rituals and reality: Stories from the front lines of research on early child development.* In H. Goelman & J. Pivik (Eds.).
- **Pivik, J.**, Herrington, S, & Gummerum, M. (prospectus under review). Nurturant environments for children's social, emotional and physical well-being. In *Rules, rituals and reality: Stories from the front lines of research on early child development*. In H. Goelman & J. Pivik (Eds.).
- **Pivik, J.** (2008). A child friendly perspective on community service and learning: The story of the Knick Knack Nook. *The Community Psychologist*, 41(3/4), 71-74.
- Goelman, H. & the CHILD Project (2008). Three complementary community-based approaches to the early identification of young children at risk for developmental delays/disorders. *Infants and Young Children*, *21*(4), 306–323.
- **Pivik, J.** (2004). Practical strategies for facilitating meaningful citizen involvement in health planning. In P. Forest, T. McIntosh and G. P. Marchildon (Eds.), *Changing Health Care in Canada* (pp. 312- 348). Toronto, ON: University of Toronto Press Incorporated.
- **Pivik, J.**, Rode, E., & Ward, C. (2004). A consumer involvement model for health technology assessment, *Health Policy*, 69 (2), 253-268.
- **Pivik, J.**, McComas, J., Macfarlane, I., & Laflamme, M. (2003). Using virtual reality to teach disability awareness. In L. S. Lyne (Ed.), *A Cross Section of Educational Research (2nd Ed.)*, pp. 108 -116. Los Angles, CA: Pyrczak Publishing. (Reprinted article).
- **Pivik, J.** (2002). *Practical strategies for facilitating meaningful citizen involvement in health planning*. Romanow Commission on the Future of Health Care in Canada, Discussion paper no. 23. Ottawa: National Library of Canada.
- **Pivik, J.**, McComas, J., & Laflamme, M. (2002). Barriers and facilitators to inclusive education as reported by students with physical disabilities and their parents. *Exceptional Children, 69* (1), 97-106.
- **Pivik, J.**, McComas, J., Macfarlane, I., & Laflamme, M. (2002). Using virtual reality to teach disability awareness. *Educational Computing Technology*, *26* (2), 203-218.
- McComas, J., MacKay, M., & **Pivik, J.** (2002). Effectiveness of virtual reality for teaching pedestrian safety. *CyberPsychology and Behavior*, *5* (3), 185-190.
- McComas, J., **Pivik**, **J**., & Laflamme, M. (1998). Current Uses of Virtual Reality for Children with Disabilities. In G. Riva, B. K. Wiederhold & E. Molinari (Eds.), *Virtual*

- Environments in Clinical Psychology and Neuroscience (pp. 161-169). Amsterdam: ISO Press.
- McComas, J., **Pivik, J.**, & Laflamme, M. (1998). Children's Transfer of Spatial Learning from Virtual Reality to Real Environments. *CyberPsychology & Behavior*, 1 (2), 121-128.
- Sullivan, M.J.L., Bishop, S.R., & **Pivik, J.** (1995). The Pain Catastrophizing Scale: Development and validation. *Psychological Assessment*, 7 (4), 524-532. (Master's thesis).
- Lavallee, D.J., Lapierre, N.M., Henwood, P.K., **Pivik, J**., Best, M., Springthorp, S.V., & Sattar, S.A. (1995). Catheter cleaning for re-use in intermittent catheterization: New light on an old problem. *SCI Nursing*, *12*, 10-12.
- Stuss, D., **Pivik**, **J**., Gow, C., Stethem, L., Hugenholtz, H.H., & Picton, T. (1990). A prospective study of neuropsychological deficits after traumatic brain injury. *Journal of Clinical and Experimental Neuropsychology*, *12*, p. 34.
- Stuss, D., Stethem, L., Hugenholtz, H., Picton, T., **Pivik, J**., & Richard, M. (1989). Reaction time after traumatic brain injury: Fatigue, divided and focussed attention, and consistency of performance. *Journal of Neurology, Neurosurgery and Psychiatry*, *52*, 742-748.
- Stuss, D., **Pivik**, **J**., Stethem, L., et al. (1988). Perception of personality changes and psychosocial adjustment after closed head injury. *Journal of Clinical and Experimental Neuropsychology*, *10*, 42.

Health Policy Papers

- **Pivik, J.** (2009). Environmental Scan for School Readiness and Health: Definitions, Indicators, Determinants and Interventions. National Collaborating Centre for Health Determinants: Nova Scotia.
- **Pivik, J.** (2009). Promoting Literacy, Social Emotional Learning and Parent/Community Involvement in Inner City Schools: Combining Evidence-based Research and Experiential Knowledge. Vancouver District School Board: Vancouver, BC.
- **Pivik**, J. (2008). *Principles, Policy and Practice: Supporting Children with Special Needs in British Columbia*. BC Healthy Child Development Alliance: Vancouver, BC.
- **Pivik, J.** (2006). Program Evaluation of the Supporting Interdisciplinary Practice: The Family Physician/Nurse Practitioner Educational and Mentoring Program. The Ministry of Health and Long Term Care: Ontario, Canada:.

Pivik, J. (2002). *Practical strategies for facilitating meaningful citizen involvement in health planning*. Romanow Commission on the Future of Health Care in Canada, Discussion paper no. 23. Ottawa: National Library of Canada.

Non-referred Publications

- **Pivik, J.** (2007). Bowen Island Child and Youth Well-being Study: Giving our Children a Voice. Community report: Bowen Island, BC.
- **Pivik, J.**, & McComas, J. (2002). *The Development of the Inclusive Schools Checklist: validity and pilot testing.* Report to the Upper Canada District School Board: Brockville, Ontario, Canada.
- **Pivik, J.** (1997). Facilitating Collaborative Research: Strategies from the health researcher's perspective. Educating Future Physician's of Ontario: Toronto, Ontario.
- **Pivik, J.**, & Weaver, L. (1997). Facilitating community participation in health care planning: Recommendations from consumers and health professionals. Health Information Partnership: Kingston, Ontario.
- Weaver, L., & **Pivik**, **J**. (1997). Community participation among members of the Health Information Partnership. Health Information Partnership: Kingston, Ontario.
- Weaver, L., & **Pivik**, **J**. (1997). Out of the mouths of experts: A community participation reader -A compilation of community participation how-to hints Health Information Partnership: Kingston, Ontario.

Peer-reviewed Presentations with Published Abstracts

- **Pivik, J.** (May, 2008). *Community mapping and identifying community contexts that promote or hinder child and youth well-being on an island.* Rural Health: Building Research Together, BCRRHRN Inaugural Conference. Prince George, BC.
- **Pivik, J.** (January, 2008). *Understanding nurturant environments through children's eyes.* Presentation at the Understanding the Early Years Conference. Vancouver, BC.
- **Pivik, J.** (October, 2007). *It takes a child to teach a village.* Presentation at the 2nd Eco/Community Psychology Conference. University of Washington, Bothell, WA.
- **Pivik, J.** (May, 2007). *Identifying barriers to inclusion within schools.* Presentation at the Innovative Assessment Practices Supporting Families and Community. University of British Columbia: Vancouver, BC.
- **Pivik, J.**, & Jones, L. (September, 2006). *Evaluation of a family physician/nurse practitioner collaborative practice model.* Presentation at the Public Health Care Network Symposium. Vancouver, BC.

- **Pivik, J.** (June, 2006). Can kids effectively evaluate their schools for architectural barriers?. Presentation to the First International Conference in Community Psychology. Puerto Rico, US.
- **Pivik, J.**, Rode, E., & Ward, C. (March, 2003). *A model for meaningful consumer* **participation in health technology assessment**. Poster presentation at The Canadian Association for Population Therapeutics Annual Conference: Research: A Decision Support Tool in Healthcare. Quebec, Quebec.
- McComas, J. MacKay, M., & **Pivik**, **J**. (January, 2002). *Effectiveness of virtual reality for promoting children's pedestrian safety*. Presentation at Medicine Meets Virtual Reality Conference. Newport Beach, California.
- McComas, J., & **Pivik**, **J**. (October, 2000). *Two virtual reality applications for prevention and awareness of disability.* Presentation at Société Québecoise pour la recherche en psychologie, Hull, Quebec.
- McComas, J., Laflamme, M., & **Pivik**, **J**. (May, 2000). *Lessons in university-industry collaboration for research: Windfall or pitfall?* Presentation at Tri-Joint Congress, Physiotherapy Canada.
- **Pivik, J.**, & Macfarlane, I. (March, 1999). *The Disability Awareness Virtual Reality Project*. Presentation at The International Technology and Persons with Disabilities Conference: California State University, Northridge, Centre on Disabilities.
- Laflamme, M., McComas, J., & **Pivik, J**. (February, 1999) *Environnement virtuel réaliste vs environment virtuel de jeu: effets sur la performance de mémoire spatiale des jeunes*. ACFAS 67e congès, Recueil des résumés de communications. Annales de IACFAS.
- McComas, J., & **Pivik**, **J.** (January, 1998). A virtual reality tool for developing spatial skills in children. Presentation at the Medicine Meets Virtual Reality 6: San Diego.

Teaching Experience and Other Presentations

Completed "Course Design and Course Delivery" given by the University of British Columbia's Centre for Teaching and Academic Growth, 2007.

2008-2009 – Faculty of Education, University of British Columbia Educational Application of Developmental Theories

Theories of human development; physical, social, cognitive, moral, and emotional developmental characteristics from infancy to adolescence; implications for educational practice with students of different age and developmental status during the elementary school years.

Education during the Adolescent Years

Developmental characteristics of persons from pre-school age through adulthood. Physical, social, cognitive, moral, and emotional growth of both normal and

- exceptional children in grades 8-12 and the teacher's role in assisting such students to deal with major developmental issues and problems.
- **Pivik, J.** (January, 2008). *Community impacts on well-being through the eyes of its children and youth.* Community Presentation: Bowen Island, BC.
- **Pivik**, **J**. (2008). It takes a child to teach a village: Photographic display of Bowen Island through the eyes of its children, Art Gallery presentation of photo essay research. Bowen Island: The Gallery at Artisan Square.
- **Pivik**, **J**. (November, 2007). *Neighbourhood impacts on children's well-being.* The Human Early Learning Partnership Seminar Series. University of British Columbia.
- **Pivik, J.** (September, 2007). *Identified vision, gaps and recommendations for children with special needs in British Columbia.* Presented at the BC Association of Child Development and Intervention. Penticton, BC.
- **Pivik**, **J**. (September, 2007). *Collaborating in a consortium*. Child Learning Forum, Segal School of Business, Vancouver, BC.
- **Pivik, J.** (June, 2006). *Collaborative research: Strategies for facilitating participation.* Consortium for Health Intervention, Learning and Development retreat, Whistler, BC.
- **Pivik, J.** (May, 2006). *Community voices-community choices in research and decision-making*. Guest presentation, Research Methodologies Graduate Course, University of British Columbia.
- **Pivik, J.** (April, 2006). Overview of the definitions, strategies and research associated with community participation. HELP-CHILD Graduate Student Seminar series.
- **Pivik**, **J.** (December, 2005). *Can kids evaluate their schools?* HELP Research Seminar Series Vancouver, B.C.
- **Pivik, J.** (November, 2003). *Mechanisms for meaningful patient involvement in health technology assessment: Results of a national Canadian survey.* Presented at the Advocare Forum: Consumer Involvement in Health Care, Ottawa, On.
- **Pivik, J.** (November, 1995). *The Importance and benefit of consumer-researcher collaboration*. Presented at Educating Future Physicians of Ontario Symposium, London, Ontario.
- **Pivik**, **J.** (November, 1995). *Facilitating consumer-researcher partnerships*. Poster presented at the Partners for Independence Symposium, Toronto, Ontario.
- **Pivik**, **J.** (1992). *Questionnaire Design and Use.* Seminar presented to medical residents, The Rehabilitation Centre, Ottawa.

- **Pivik, J.** (1991). The Right Way to Write a Scientific Publication. Seminar presented at the Research and Development Seminar Series, The Rehabilitation Centre, Ottawa.
- **Pivik**, **J.** (1990). *Writing Effective Research Proposals*. Seminar presented at the Research and Development Seminar Series, The Rehabilitation Centre, Ottawa.

Acknowledgements in Publications

- Herrington, Susan (2008). Perspectives from the ground: Early childhood educators' perceptions of outdoor play spaces at child care centers. *Children, Youth and Environments 18*(2): 64-87. See http://www.colorado.edu/journals/cye. Acknowledged for facilitation of focus groups and statistical support.
- MacDougall, J. (1991). Current issues in deafness: A psychological perspective. *Canadian Psychology, 32* (4), 612-627. Acknowledged for assistance in preparation and editing of the manuscript.
- Nelson, M., Ruch, S., Jackson, Z., Bloom, L., and Part, R. (1992). Towards an understanding of families with physically disabled adolescents. *Social Work in Health Care, Vol.* 17(4), 1-25. Acknowledged for assistance with statistical consultation, table preparation and editing of the manuscript.

Technological Contributions

Pivik. J., McComas, J., Macfarlane, I., & Laflamme, M. (1999). *Barriers: The Awareness Challenge*. A desktop virtual reality program designed to teach disability awareness. Located at www.aprioriresearch.com

Memberships

Present:

International Association of Applied Psychologists

Society for Community Research and Action: Division of Community Psychology (APA).

American Psychological Association

Society for the Psychological Study of Social Issues

Past:

Parent's Advisory Council, Cambridge Public School- Vice-Chair (1998-2003) Community Participation Committee, The University of Ottawa (1997-1998) The Community Development Action Plan Committee, Royal Ottawa Health Care Group (1990)

The Research Ethics Committee, The Rehabilitation Centre (1988-1996)

Skills & Interests

Computer knowledge: Windows, SPSS 13.0, SAS, NVivO 8.0, Microsoft Word, Powerpoint, Reference Manager, Endnote, Power Director 6.0. Certification: Cardiopulmonary Resuscitation (CPR) and St. John's First Aid. Interests: Hiking,

Yoga, Tai Chi, painting, reading and playing chess. Revised: Aug 17, 2009