*Curriculum Vitae*

**Heather Kanuka**

Professor, Faculty of Education, University of Alberta

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## University of Alberta

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| Doctor of Philosophy | Educational Administration and Leadership |
| | Dissertation title: *A Principled Approach to Facilitating Web-based Learning in Higher Education* (2001) |
| Master of Education | Instructional Design and Technology (1997) |
| | Thesis title: *Effects of Design Principles* |
| Graduate Diploma | Adult & Higher Education (1993) |
| Bachelor of Education | Secondary Education (1989) |
| Bachelor of Arts | Art & Design (1988) |

## Harvard University

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|---|---|
| Graduate School of Education | Management Development Program Institute for Higher Education (2012) |

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## Recent and Relevant Work Experience

**University of Alberta**
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|---|---|---|
| October, 2012 – Present | - | Professor, Faculty of Education |
| October, 2007 – 2012 | - | Academic Director, Centre for Teaching and Learning |
| | - | Professor, Educational Policy Studies |

**Athabasca University**
June, 2004 – Sept, 2007
- Canada Research Chair (CRC Tier II, eLearning)
- Associate Professor, Centre for Distance Education

**University of Calgary**
June, 2002 – May, 2004
- Associate Director, Teaching and Learning Centre (formerly 'The Learning Commons')
- Assistant Professor

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## Research and Development Grants

Roger S. Smith Undergraduate Research Award (RSS) – 2021 ($5,000.00; J. Anuik principal researcher)

SCI Computing Science - Differences in Student Course Paths through Faculty of Science Programs – 2021 ($5,000); C. Demmanis principal researcher)

Roger S. Smith Undergraduate Research Award (RSS) – 2020 ($5,000.00)

Support for the Advancement of Scholarship (SAS) Fund – 2020 ($7,000; J. Anuik principal researcher)

Social Sciences and Humanities Research Council (SSHRC) – three-year Scholarly Journals Grant 2019 – 2021 ($62,250 CAD)

Kule Institute for Advanced Study (KIAS) – 2017 ($7,500); S. ElAtia principal researcher)

Doctoral Micro Grant Award (FGSR) – 2017 ($10,000; L. Rourke principal researcher)

Teaching and Learning Enhancement Fund (TLEF) – 2015-17 ($134,363; S. ElAtia principal researcher)

Teaching and Learning Enhancement Fund (TLEF) – 2015 ($21,113; L. McFarlane principal researcher)

Social Sciences and Humanities Research Council (SSHRC) – 4A ($7,500 CAD); K. Campbell principal researcher)

Social Sciences and Humanities Research Council (SSHRC) – three-year Scholarly Journals Grant 2015 – 2018 ($104,000 CAD)

Social Sciences and Humanities Research Council (SSHRC) – three-year Scholarly Journals Grant 2012 – 2015 ($78,250 CAD)

Social Sciences and Humanities Research Council (SSHRC) – three-year Standard Research Grant 2010 – 2013 ($112,798 CAD)

U of A Research Grant – University Conference Fund for the 'Canadian e-Learning Conference' – University of Alberta, 2010 ($2,000 CAD)

Social Sciences and Humanities Research Council (SSHRC) – three-year Standard Research Grant 2009 – 2012 ($86,192 CAD; L. Rourke, principal)

U of A Research Award – five-year research grant from the Provost's Office, University of Alberta, 2007-2012 ($75,000 CAD)

AU Faculty Effectiveness – one-year research grant from the Vice President, Academic, Athabasca University, 2007 ($25,000 CAD)

Social Sciences and Humanities Council (SSHRC), Canada Research Chair, Tier II in e-Learning –2004 ($500,000 CAD)

Canadian Foundation for Innovation Grant (CFI), 2004-2009 ($36,634 CAD)

Social Sciences and Humanities Research Council (SSHRC) – three-year Standard Research Grant, 2003 – 2006 ($69,609 CAD)

Athabasca University Mission Critical Research Grant, 2006 ($6,500 CAD)

Athabasca University Research Services Grant, 2004-2007 ($100,000 CAD)

U of C University Research Grant – University of Calgary, 2004 ($3,000 CAD)

U of C Start-up Research Grant, University of Calgary, 2003 – 2004 ($9,504 CAD)

Office of Learning Technologies Research Grant (Federal Government, Ottawa), 2000-2002 ($25,000 CAD)

Alberta Real Estate Foundation Research Grant (Calgary), 2000 ($4,000 CAD)

Alberta Real Estate Foundation Research Grant (Calgary), 1999 ($16,770 CAD)

Imperial Oil National Centre for Mathematics, Science and Technology Education (Edmonton), 1999 – 2002 ($38,000 with N. Nocente, principal; H. Kanuka, co-applicant CAD)
Alberta Real Estate Foundation Development Grant (Calgary), 1995 ($64,000 CAD)

## Scholarships, Awards and Fellowships

*Canadian Network of Innovation in Education (CNIE - 2019) Contribution Award:* Service in Scholarship, Research and Mentoring of Others.

*Research and Scholarship Award in Postsecondary Education (2016).* Awarded by the Canadian Society for the Study of Higher Education in recognition of a mid-career scholar who has a significant publication record on any aspect of Canadian postsecondary education.

*2013 Best Manuscript* (awarded by the Journal of Distance Education, Editorial Board).

*Information Technology Project Award (2013).* VP IT in recognition of a team effort (composed of students, non-academics, and academics) to successfully deploy a major IT project with significant impact to the IT environment offered by a unit or to the campus.

*Canadian Network of Innovation in Education (CNIE - 2012) Contribution Award:* Service in Scholarship, Research and Mentoring of Others.

*2009 Best Manuscript* (awarded by the Journal of Distance Education, Editorial Board).

*Canadian Who's Who* – Published by Toronto University Press, Volume XLIII (a listing of information available on leading and influential Canadians).

*Social Sciences and Humanities Research Council (SSHRC) Postdoctoral Fellowship,* 2001 - 2002.

*Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship,* 1999 – 2001.

*Izaak Killam Memorial Scholarship* (awarded to students likely to contribute to the advancement of learning or to win distinction in their profession), University of Alberta, 1999.

*Andrew Stewart Memorial Graduate Student Prize* (awarded in recognition of excellence in research and potential in pursuit of new knowledge), University of Alberta, 2000.

*Dean's Award*, University of Alberta, 2001.

*Walters H. John Scholarship* (tuition award), University of Alberta, 1999, 2000.

*Izaak Killam Research Grant*, University of Alberta, 1999.

*Canadian Society for the Study of Higher Education* (travel award), 1999.

*Mary Louise Imrie Graduate Student Award*, University of Alberta, 1999.

*Graduate Studies and Research Scholarship* (tuition award), University of Alberta, 1998.

*J. Gordon Kaplan Graduate Student Award* (travel award), University of Alberta, 1997.

*Graduate Studies and Research Scholarship* (tuition award), University of Alberta, 1997.

*Learning Link & University of Alberta, Canadian Lifelong Learning Lyceum* (travel award), 1997.

### Publications – Peer Reviewed Articles

Gregory*, E. & **Kanuka**, H. (2024 – in press). Student perspectives on employability skills in liberal arts programs: a Canadian *case. Journal of Teaching and Learning for Graduate Employability, 14*(1), 267-283. ISSN: 1838-3815 (online) at: https://ojs.deakin.edu.au/index.php/jtlge/

Sadowski CA, **Kanuka** H. (2023). Avoiding Fear of the Peer: A Conceptual Review of the Literature of Peer Coaching. *American Journal of Pharmaceutical Education, 87*(8).

**Kanuka**, H., Smith, E., & Luth, R.W. (2023). Faculty beliefs about teaching improvement. *Teaching and Learning in Higher Education, 28*(6), 1-18. https://doi.org/10.1080/13562517.2023.2244887.

Gregory*, E. & **Kanuka**, H. (2022). Employability skill development: Faculty members' perspectives in non-professional programs. *Canadian Journal of Career Development, 21*(1), 4-16.

Kreber, C., Wealer*, C., & **Kanuka**, H. (2021). Conceptions of PhD supervision: A consideration of three disciplines. *International Journal of Doctoral Studies, 16,* 657-688. https://doi.org/10.28945/4870

Sarker*, U., **Kanuka**, H., Norris, C., Raymond, C., Yonge, O., & Davidson, S. (2021). Gamification in nursing literature: An integrative review. *International Journal of Nursing Education Scholarship, 18*(1). DOI: https://doi.org/10.1515/ijnes-2020-0081

**Kanuka**, H. & Anuik, J. (2021). The post-tenure apex: Unrewarding, unhappy, unproductive. Is continuing learning a remedy for the mid-career misery? *Journal of Higher Education Policy and Leadership, 2*(1). DOI: 10.29252/johepal.2.1.

**Kanuka**, H. & Sadowski, C. (2020). Reflective peer observations of university teaching: A Canadian case Study. *Journal of University Teaching and Learning Practice, 17*(5), 1-13. Available at: https://ro.uow.edu.au/jutlp/vol17/iss5/11

Sarker*, U., Davidson, S. J., Yonge, O., Raymond, C., **Kanuka**, H., & Norris, C. (2020). Staying Ahead of the Technological Curve Using Survey Method *Quality Advancement in Nursing Education*, *6*(3), 1-12. DOI: https://doi.org/10.17483/2368-6669.1228

**Kanuka,** H., Holmes*, J., & Cowley* S. (2018). Teaching Development Unit Leaders' Experiences of Success in Research-focused Universities: Narratives of Growth. *Journal of Further and Higher Education, 42*(9), 1-15. DOI: 10.1080/0309877X.2018.1529741

Smith**,** E, & **Kanuka**, H. (2018). Disciplinary differences of perceived value for teaching certification by department heads and doctoral students. *International Journal of Teaching and Learning in Higher Education, 30*(3), 338-401. [online] Available: http://www.isetl.org/ijtlhe/pdf/IJTLHE3051.pdf.

**Kanuka**, H., & Smith, E. (2018). Teaching Certificates: What is their perceived value for employability? *International Journal of Academic Development,24*(1), 73-85. DOI: 10.1080/1360144X.2018.1545130

**Kanuka,** H.s & Cowley*, S. (2017). Graduand student attributes: A Canadian case. *Canadian Journal of Higher Education, 47*(1), 61-79.

**Kanuka**, H., & Rourke, L. (2014). Using blended learning strategies to address teaching development needs: How does Canada compare? *Canadian Journal of Higher Education, 43*(3), 19-35.

**Kanuka**, H., Smith*, E., & Kelland*, J. (2013). An inquiry into educational technologists' conceptions of their philosophies of teaching and technology. *Canadian Journal of Learning and Technology, 39*(2). Available: http://cjlt.csj.ualberta.ca.

Rourke, L., & **Kanuka,** H. (2013). Student engagement and study abroad. *Canadian Journal of University and Continuing Education, 38*(1). Available: http://ejournals.library.ualberta.ca/index.php/cjuce-rcepu/article/view/18832

Rourke, L., & **Kanuka**, H. (2012). Academic Socialization in a Limited-Residency Doctoral Program. *Journal of Distance Education, 26*(1)*.* Available: http://www.jofde.ca/index.php/jde/article/view/761 [Awarded best paper of the year]

**Kanuka**, H. (2011). Interaction and the online distance classroom: Do instructional methods affect the quality of interaction? *Journal of Computing in Higher Education, 23,* 143-156. DOI: 10.1007/s12528-011-9049-4

**Kanuka**, H. & Braga*, J. (2011). Pedagogical provocations. *Collected Essays on Learning and Teaching*, Vol. IV. Available: http://celt.uwindsor.ca/ojs/leddy/index.php/CELT/article/viewFile/3285/2663

**Kanuka,** H. (2010). Keeping the Scholarship in the Scholarship of Teaching and Learning. *International Journal of the Scholarship of Teaching and Learning, 5*(1). [online]. Available: http://academics.georgiasouthern.edu/ijsotl/v5n1.html.

**Kanuka,** H. (2010). Characteristics of Effective and Sustainable Teaching Development Programs for Quality Teaching in Higher Education. *Higher Education, Management and Policy, 22*(2), 1-14.

**Kanuka**, H. (2010). Cultural Diversity, technologically-mediated learning and instructional design: Implications for choosing and using communication tools. *Asia Pacific Collaborative Education Journal, 6*(1), 1-16.

Rourke, L., & **Kanuka**, H. (2009). Learning in Communities of Inquiry: A Review of the Literature. *Journal of Distance Education, 23*(1), 19-48. [Awarded best paper of the year]

**Kanuka**, H., & Kelland*, J. (2008). A Deliberative Inquiry with Experts in e-Learning Technology: Contentions in Need of Further Research. *Canadian Journal of Higher Education, 38*(1), 2-21.

**Kanuka**, H., Heller, B., Jugdev, K., & West, D. (2008). The rise of the teleworker: False promises and responsive solutions. *Higher Education, 56*(2), 149-165.

**Kanuka**, H., Jugdev, K., & Heller, B. (2008). The Factor Structure of Faculty Development Needs for Net-based Distance Education-Practitioners. *International Journal for Academic Development, 13*(2), 129-139.

Kelland*, J., & **Kanuka**, H. (2008). Using deliberative inquiry to seek consensus about impact of Internet communication technology on higher education. *Canadian Journal of Learning and Technology, 33*(3), 31-48.

Kanuka, H., & Rourke, L. (2008). Exploring amplifications and reductions associated with e-learning: conversations with leaders of e-learning programs. *Technology, Pedagogy and Education, 17*(1), 5-16.

**Kanuka**, H., & Anderson, T. (2007). Ethical Issues in qualitative e-learning Research. *International Journal of Qualitative Research, 6*(2)*. [online]. Available: http://www.ualberta.ca/~iiqm/backissues/6_2/kanuka.pdf.

Rourke, L., & **Kanuka**, H. (2007). Barriers to critical discourse. *International Journal of Computer Supported Collaborative Learning, 2*(1), 105-126.

**Kanuka**, H., Rourke*, L., & Laflamme*, E. (2007). The Influence of Instructional Methods on the Quality of Online Discussion. *British Journal of Educational Technology, 38*(2), 260-271.

Kreber, C., & **Kanuka**, H. (2007). The scholarship of teaching and learning and the online classroom. *Canadian Journal of University and Continuing Education, 32*(2), 109-131. [nominated for best paper of the year]

**Kanuka**, H. (2006). A review of e-learning in Canada: A commentary on a rough sketch of the evidence, gaps and promising directions. *Canadian Journal of Learning and Technology, 32*(3), 85-100.

**Kanuka**, H. (2006). Instructional design and eLearning: A discussion of pedagogical content knowledge as a missing construct. *The e-Journal of Instructional Science and Technology, 9*(2)*. [online]. Available: http://www.usq.edu.au/electpub/e-jist/docs/vol9_no2/papers/full_papers/kanuka.htm.

**Kanuka**, H., & Jugdev, K. (2006). Distance Education MBA Students: An Investigation into the Use of an Orientation Course to Address Academic and Social Integration Issues. *Open Learning, 21*(2), 153-166.

**Kanuka**, H. (2005). An exploration into facilitating higher levels of learning in a text-based Internet learning environment using diverse instructional strategies. *Journal of Computer Mediated Communication, 10*(3). [online]. Available: http://jcmc.indiana.edu/vol10/issue3/kanuka.html.

**Kanuka**, H. & Marini, A. (2005). Empowering untenured faculty through mosaic mentoring. *Canadian Journal of University Continuing Education, 30*(2), 11-38. [nominated as best paper]

Garrison, D. R. & **Kanuka**, H. (2004). Blended Learning: Uncovering its Transformative Potential in Higher Education. *The Internet and Higher Education, 7*(2), 95-105.

Gram, N. P., **Kanuka**, H., &, Norris, S. P. (2004). Distance education environments, higher education, and the concern for community. *PAACE Journal of Lifelong Learning, 13,* 39-56.

**Kanuka**, H. & Garrison, D. R. (2004). Cognitive presence in online learning. *Journal of Computing in Higher Education, 15*(2), 30-49.

**Kanuka**, H. & Conrad, D. (2003). The Name of the Game: Why "Distance Education" Says It All. *Quarterly Review of Distance Education, 4*(4), 285-394.

**Kanuka**, H. & Nocente, N. (2003). Exploring the Effects of Personality Type on Perceived Satisfaction with Web-based Learning in Continuing Professional Development. *Distance Education, 24*(7), 227-245.

**Kanuka**, H. (2003). Towards Change: Continuing the Conversation on Electronic Publishing. *Canadian Journal of University Continuing Education - Forum, 29*(1), 65-71.

**Kanuka**, H. (2002). A principled approach to facilitating diverse strategies for web-based distance education. *Journal of Distance Education, 17*(2), 71-87.

**Kanuka**, H., Collett, D., & Caswell*, C. (2002). University instructor perceptions of the use of asynchronous text-based discussion in distance courses. *The American Journal of Distance Education, 16*(3), 151-167.

**Kanuka**, H. & Nocente, N. (2002). Professional development in the online classroom. *The Canadian Journal for the Study of Adult Education, 16*(1), 34-55.

**Kanuka**, H. (2002). Guiding principles for facilitating higher levels of Web-based distance learning in post-secondary settings. *Distance Education, 23*(1),163-182.

**Kanuka**, H. (2001). Assessing higher levels of learning in web-based post-secondary education. *Academic Exchange Quarterly, 5*(4), 106-111.

**Kanuka**, H. (2001). University student perceptions of the use of the web in distance delivered programs. *The Canadian Journal of Higher Education, 31*(3), 49-71.

**Kanuka**, H. & Szabo, M. (1999). Conducting research on visual design and learning: Pitfalls and promises. *Canadian Journal of Educational Communication, 27*(2), 39-57.

**Kanuka**, H. & Anderson, T. (1999). Using constructivism in technology mediated learning: Constructing order out of the chaos in the literature. *Radical Pedagogy, 1*(2). [online]. Available: http://www.icaap.org/RadicalPedagogy/.

Szabo, M. & **Kanuka**, H. (1999). Effects of violating screen design principles of balance, unity, and focus on recall learning, study time and completion rates. *Journal of Educational Multimedia and Hypermedia, 8*(1), 23-42.

**Kanuka**, H. & Anderson, T. (1998). On-line social interchange, discord, and knowledge construction. *Journal of Distance Education, 13*(1), 57-74.

Anderson, T. & **Kanuka**, H. (1997). New platforms for professional development and group collaboration. *Journal of Computer Mediated Conferencing, 3*(3). [online]. Available: http://www.ascusc.org/jcmc/vol3/issue3/anderson.html.

## *Publications – Peer Reviewed Book Chapters* (\* - graduate student)

**Kanuka**, H. & Sadowski, C. (2023). Peer coaching: A conceptual review of the literature. In K. Rainville (Eds.), *Faculty Peer Coaching in Higher Education: Opportunities, Explorations, and Research from the field*. Information Age Publishing. (pp. 3-22).

**Kanuka**, H. (2023). Independent learning and the essential role of feedback. In M. S. Saleh and I. M. Kline (Eds.), *New Science of Learning: Computers, Cognition and Collaboration in Education* (pp. 40-59). Springer Publishers.

**Kanuka**, H. (2023). Big Science, Little Science in Open and Distance Digital Education. In O. Zawacki-Richter & I. Jung (Eds.), *Handbook of Open, Distance, and Digital Education* (pp. 222-233). Springer (Major Reference Works Series). [Online]. Available: https://link.springer.com/content/pdf/10.1007/978-981-19-2080-6.pdf#page=237

**Kanuka**, H. (2020). The disappointment of distance education's success. In M. Cleveland-Innes & R. Garrison (Eds.), *Understanding Distance Education in the 21st Century: Teaching and Learning in a New Era.* Routledge Publishers.

**Kanuka**, H. (2015). Philosophical Orientations of Teaching with Technology: A Scandinavian Case Study. In H. Mathiasen & T. Fossland (Eds.), *Academic Bildung in Net-based Higher Education*. Rutledge Publishers.

**Kanuka**, H. & Gauthier, G. (2012). Pedagogical Content Knowledge in Higher Education and Open Educational Resources: A Case Study on Course Design. In J. Glennie, K. Harley, N. Butcher & T. V. Wyk (Eds.), *Open Educational Resources and Change in Higher Education: Reflections from Practice*. Vancouver: Commonwealth of Learning, UNESCO.

**Kanuka,** H. (2010). Deliberative inquiry. In M. Savin-Baden & C. Howell Major (Eds.), *New approaches to qualitative research: Wisdom and uncertainty*. Routledge Publishers.

**Kanuka**, H. (2010). Fostering higher levels of learning using diverse instructional strategies with internet communication tools. In M. S. Khine and I. M. Saleh (Eds.), *New Science of Learning: Computers, Cognition and Collaboration in Education*. Springer Publishers.

**Kanuka**, H., & Brooks\*, C. (2010). The Pedagogy of Human Capital: A PostFordist Perspective on Flexible Learning, Cost Effective Mass Offerings and a Quality Learning Experience. In M. Cleveland-Innes & R. Garrison (Eds.), *Understanding Distance Education in the 21st Century: Teaching and Learning in a New Era.* Routledge Publishers.

Campbell, K., Schwier, R., & **Kanuka**, H. (2010). Investigating sociocultural issues in instructional design. In E. Blanchard and D. Allard (Eds.)*, Handbook of Research*

*on Culturally−Aware Information Technology: Perspectives and Models* (pp. 243-264). Hershey, PA: IGI Publishers.

Thompson*, T. L., & **Kanuka**, H. (2009). Establishing communities of practice for effective and sustainable professional development for blended learning: A North American perspective. In E. Stacey & P. Gerbic (Eds.), *Effective Blended Learning Practices: Evidence-Based Perspectives in ICT- Facilitated Education*. Hershey, PA: IGI Global Publishers. [nominated for best paper award]

Anderson, T. & **Kanuka**, H. (2009). Ethical conflicts in research on computer mediated conferencing for education purposes. In U. Demiray & R. Sharma (Eds.), *Ethics Dance with Distance Education*, (pp. 108-124). Idea Group, Inc.

**Kanuka**, H. (2008). Understanding e-Learning Technologies-in-Practice through Philosophies-in-Practice. In T. Anderson & F. Elloumi (Eds*.), Theory and Practice of Online Learning*, (pp. 91-118). Edmonton, AB: Athabasca University Press.

Garrison, D. R., & **Kanuka**, H. (2008). Changing distance education and changing organizational issues. In W. Bramble & S. Panda (Eds.), *Economics of Distance and Online Learning: Theory, Practice and Research*. New York, Routledge.

**Kanuka**, H. (invited/forthcoming, 2006). eLearning: Trends and issues in higher education. In, *Academic Matters: A Journal about higher education in Canada*

**Kanuka**, H. (2006). Inquiry-based learning with the Net: Opportunities and challenges. In. C. *Kreber (Ed.), Exploring research-based teaching*. San Francisco: Jossey-Bass.

Rourke, L. & **Kanuka**, H. (2006). Computer conferencing and distance learning. *International Encyclopedia of Computer Networks*.

Garrison, D. R. & **Kanuka**, H. (2006). Changing distance education and changing organizational issues. In W. Bramble & S. Panda (Eds.), *Economics of Distance and Online Learning: Theory, Practice and Research*. New Jersey: Lawrence Erlbaum.

**Kanuka**, H., Rourke, L., & Laflamme, E. (2006). The influence of instructional methods on the quality of online discussion. In S. Garg, C. R. K. Murthy, S. Panda, & S. Mishra (*Eds.), Open and Distance Education in Global Environment*. New Delhi: Viva Books Private Limited.

### Publications – non-Peer Reviewed Journal Articles

**Kanuka,** H. (2022). Editorial: The changing landscape in higher education. *Trends in Higher Education, 1*(1), 56-57. DOI: 10.3390/higheredu1010005

**Kanuka**, H., & Anderson, T. (invited, 2008). Distributed workplaces and e-academics. *Academic Matters.* (October/November), 13-15.

**Kanuka**, H. (invited, 2006). Has e-learning delivered on its promises? *Academic Matters.* (Winter), 6-8.

## Books/Monographs

**Kanuka**, H. (2012). *Supporting new and early faculty as they transition into academia: A study on mentoring practices in Canada.* Edmonton, AB: University of Alberta. (134 pages)

Anderson, T., & **Kanuka**, H. (2003). *E-research. Methods, strategies, and issues.* Allyn and Bacon Publishers. (215 pages)

**Kanuka**, H. & Larkin*, K. (2003). *A guide to implementing mentoring programs.* Calgary, AB: University of Calgary. (55 pages)

Collett, D., **Kanuka**, H., Blanchette, J., & Goodale, C. (1999). *Learning technologies in distance education for Adult Learners.* Edmonton, AB: University of Alberta. (591 pages)