



**ajer**  
THE ALBERTA JOURNAL OF  
EDUCATIONAL RESEARCH

VOLUME 53

NUMBER 2

SUMMER 2007

# The Alberta Journal of Educational Research

Published in Spring, Summer, Fall, and Winter by the Faculty  
of Education, University of Alberta.

**ajer** is a quarterly journal devoted to the dissemination, criticism,  
interpretation, and encouragement of all forms of systematic inquiry into  
education and fields related to or associated with education.

*Editor:* George H. Buck      *Technical Editor:* Naomi Stinson  
*Book Review Editor:* Ingrid Johnston      *Proofreader:* Karen McFarlane  
*Administrator:* Joyce Hiller      *Translator:* Dorine Chalifoux  
*Editorial Assistant:* Edie Peters

## *Consulting Editors*

Jim Anderson <i>University of British Columbia</i>	Allan MacKinnon <i>Simon Fraser University</i>
Shauna Butterwick <i>University of British Columbia</i>	Richard Morehouse <i>Viterbo University, La Crosse, WI</i>
Ardra L. Cole <i>Ontario Institute for Studies in Education of the University of Toronto</i>	Lorri Neilsen <i>Mount Saint Vincent University</i>
Emery Hyslop-Margison <i>University of New Brunswick</i>	David Reid <i>Acadia University</i>
Ingrid Johnston <i>University of Alberta</i>	Heather Rintoul <i>Nipissing University</i>
Sandra G. Kouritzin <i>University of Manitoba</i>	Hans Smits <i>University of Calgary</i>
Pauline Leonard <i>Louisiana Tech University</i>	Jeff Sugarman <i>Simon Fraser University</i>
Dianne Looker <i>Acadia University</i>	Jennifer Sumsion <i>Charles Sturt University</i>
Xin Ma <i>University of Kentucky, Lexington</i>	Kelleen Toohey <i>Simon Fraser University</i>
	Jon C. Young <i>University of Manitoba</i>

For subscription information see order form at the end of this issue.

Web site: <http://www.education.ualberta.ca/educ/journals/ajer.html>

**ajer** gratefully acknowledges support from the Social Sciences  
and Humanities Research Council of Canada and the Alberta  
Advisory Committee for Educational Studies.

We acknowledge the financial support of the Government of Canada  
through the Publications Assistance Program  
towards our mailing costs.

Canada



# The Alberta Journal of Educational Research

*Volume 53, Number 2, Summer 2007*

*G.H. Buck* **125** Editorial: Thirty

## *Articles*

*Brenda J. McMahon* **127** Resilience Factors and Processes:  
No Longer at Risk

*Jim Anderson* **143** Representing and Promoting Family  
*Jodi Streelasky* Literacy on the World Wide Web:  
*Terri Anderson* A Critical Analysis

*Susan Rodger* **157** Gender Differences in Cooperative  
*Harry G. Murray* Learning with University Students  
*Anne L. Cummings*

*Wendy S. Nielsen* **174** Accessing Science Courses in Rural BC:  
*Samson Madera Nashon* A Cultural Border-Crossing Metaphor

*Harriet Mutonyi* **189** Analogies, Metaphors, and Similes  
for HIV/AIDS Among Ugandan  
Grade 11 Students

*Sonia Ben Jaafar* **207** Policy Trends and Tensions in  
*Stephen Anderson* Accountability for Educational  
Management and Services in Canada

*Alireza Moghaddam* **228** Action Research: A Spiral Inquiry  
for Valid and Useful Knowledge

## *Book Review*

*Lydia Pungur* **240** *Empowering Children: Children's Rights  
Education as a Pathway to Citizenship*  
by R. Brian Howe and Katherine Covell

Single copies of this issue are available for purchase.  
Please see order form at back of this issue.

ISSN 0002-4805

**ajer** is indexed in the *Canadian Education Index*, *Current Contents/Social and Behavioral Sciences*, *ERIC/Current Index to Journals in Education*, *Social Science Citation Index*, *Research Alert*, *Contents Pages in Education*, and the *e-psyche* database; appropriate articles are abstracted in *Educational Administration Abstracts*, *Educational Technology Abstracts*, *Family Abstracts*, *Language and Language Behavior Abstracts*, *Multicultural Education Abstracts*, *Psychological Abstracts*, *Research into Higher Education Abstracts*, *School Organization and Management Abstracts*, *Sociology of Education Abstracts*, *Special Education Needs Abstracts*, *Women's Studies Abstracts*, and *Technical Education and Training Abstracts*.

## Guidelines for Contributors

Submission of a manuscript to the *Alberta Journal of Educational Research* (**ajer**) implies, and is an undertaking on the part of the author(s), that neither the manuscript nor any substantially similar manuscript has been published, is in press, or is under consideration elsewhere. This is a condition for publication in **ajer**. Prior to publication, authors will assign their copyright to **ajer** by means of a standard form.

**Format** Use a standard typeface and size such as Times New Roman 12 pt. and double-space throughout, including block quotations, references, and notes. Manuscripts are not to exceed 6,500 words excluding graphics. Please indicate the word count (text only) in the cover letter accompanying manuscripts. Provide an abstract of approximately 100 words either in a separate file or on a separate page. To ensure anonymity in the review process, the author's name and affiliation should appear only on the title page; the title alone heads the first page of the manuscript.

**Style** **ajer's** editorial style conforms closely to the *Publication Manual of the American Psychological Association* (5th ed.). Manuscripts that do not conform may either be returned for adjustment, or editorial changes may be made. For spelling consult *Webster's New Collegiate Dictionary*. Spelling in quoted material must remain as in the original.

**Referencing** Sources cited appear in parentheses after each reference (direct or otherwise), giving author's name (unless mentioned in text), year of publication, and page number(s) in the case of direct quotes. Enclose quotes of 40 or fewer words in double quotation marks in the text; indent quotes longer than 40 words in block format. Page numbers must be given.

List all sources alphabetically at the end of the manuscript under the heading *References* using the APA style.

Footnotes are not allowed, and the use of endnotes is discouraged; however, necessary brief explanatory notes, numbered consecutively and marked in the text with superscript numerals, may appear before the References under the heading *Notes*; citations in notes follow the same format as other references.

**Graphics** Number tables and figures with Arabic numerals, and provide each on a separate page at the end of the manuscript. Prepare tables using tabs and without vertical lines. Figures, charts, and diagrams may be submitted electronically either in GIF or JPEG formats, or in camera-ready hard copy. Indicate placement of figures and tables in text, e.g., *Insert Figure 3 about here.*

**Submitting** To help ensure an efficient review process, it is preferred that authors submit their manuscript and abstract electronically, either as e-mail attachments or as files on a high-density diskette. The preferred file formats are Microsoft Word for Windows and Microsoft Word for Macintosh. Rich Text Format (RTF) is also acceptable from either platform. If submitting a diskette, label it with originator's name, program used, and program version number.

**Research Notes** The Research Notes section provides a means for educational researchers to communicate with one another about their research-in-progress. Because **ajer** is so widely indexed nationally and internationally, it is effective in supporting such exchanges. The Research Notes are also a useful means for reporting on smaller research

projects that have one or two findings of particular interest but do not warrant full-article treatment.

The Note should report briefly on the author's/authors' research-in-progress or recently completed research and should feature work that has not been reported elsewhere in journal publications. This current work should be situated, briefly, in the context of other pertinent scholarship, including the author's or authors' related research. The focus of the Note could be either a specific study or an overview of an ongoing line of inquiry where fuller reporting of results will not occur in print for some time. The maximum length for a Note is 1,000 words, excluding references and one or two tables or graphs. Please include a word count in your cover letter and a copy of the document either as an e-mail attachment or on diskette. Acceptable file formats are Microsoft Word for Windows and Microsoft Word for Macintosh or Rich Text Format (RTF) from either platform. To encourage communication between researchers, authors of Research Notes are asked to provide contact information including a one-line biographical note, full mailing address, e-mail, fax, and/or telephone numbers for publication with each Note. This biographical and contact information should be included in the document file on the diskette submitted. No abstract is required, but in all other respects the usual *ajer* guidelines for manuscripts should be observed.

Submissions to *Research Notes* will be reviewed for readability, rationale, clarity, logic, organization, length, and adherence to all *Alberta Journal of Educational Research (ajer)* guidelines. Any submission that is judged to meet these criteria will be published as soon as possible. Any submission that is judged to require revisions according to the criteria outlined will not be published, and revisions will not be invited as the Notes must be current if they are to serve the purposes identified.

To make inquiries or submissions, please contact:

George H. Buck, Editor  
*Alberta Journal of Educational Research*  
Office of the Dean  
Faculty of Education  
845 Education Centre South  
University of Alberta  
Edmonton, AB T6G 2G5 CANADA  
Tel: (780) 492-7941  
Fax: (780) 492-0236  
E-mail: [ajer@ualberta.ca](mailto:ajer@ualberta.ca)