

Research



& Scholarly

Activity

at

Malaspina

2002-2003



University-



College

Message from the Vice-President, Instruction & Research



The report and review of research and scholarly activity at Malaspina has been divided into two sections: a coloured brochure intended for both an internal and external audience, and an insert intended for our internal community.

This insert provides a much more detailed summary of the work of individual faculty, a list of grants and leaves, and the names of those who have served on committees. In providing updated information on faculty research and scholarly activities, we tried to ensure that we obtained complete reports from every department, but cannot guarantee that everything has been captured. If it hasn't, I apologize in advance. Before reading these details, it is important to note the administrative changes that have taken place in support of research and scholarly activity.

Two years ago, responsibility for research was placed in the office of the Vice-President, Instruction, and Liz Hammond-Kaarremaa was hired as Research Officer on a part-time basis to review, organize, and build our infrastructure to support faculty research and scholarly activity. Since then, we have been working to take full advantage of research funding sources available via the Social Sciences and Humanities Research Council (SSHRC), the National Sciences and Engineering Research Council

(NSERC), the Canadian Institute for Health Research (CIHR), the Canada Foundation for Innovation (CFI), and the Canada Research Chairs program. We were successful in obtaining a small universities development award. We have obtained AquaNet and other funding. We now meet the guidelines established by the Canadian Council on Animal Care (CCAC) and the Tri-Council. Our faculty and our students now qualify for NSERC grants, and the first NSERC-funded students are already at work on campus.

In addition, our research funding base continues to grow in ways that support not only research but also teaching, through such projects as the Centre for Humanities Computing, the Small Universities grant, the CFI-driven facilities, and our affiliation with the American Association of Higher Education (AAHE) and, through it, with innovations in teaching at other universities. Liz has worked closely with Nancy Randall and others who have undertaken work in support of faculty professional development. This close collaboration will continue and will be enhanced when the new Library is completed.

In May, Liz was appointed full-time Director of Research Services. Over the summer her office has moved to Building 359 where Liz will be working with a core research group consisting of Don Tillapaugh, Rick Warner and Deborah Hathaway, as well as other key faculty. With this team in place, I will be able to focus more fully on academic and instructional matters.

Taken together, these two reports reveal how much work has gone on, and how much we owe to those who have served on the committees that support our research and scholarly activities. I want to offer a personal 'thank you' to all these volunteers. Working with them has been a pleasure.

Dr. David Thomas
Vice-President, Instruction & Research

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Research & Scholarly Activity at Malaspina University-College

The following is a sampling of some of the research and scholarly activity conducted at Malaspina University-College. The list includes awards, conference presentations, exhibits, grants, performances, and publications. This is not a comprehensive list of all faculty activities; it reflects information as submitted to the Research office.

Faculty of Arts & First Nations Studies

Art

Pamela Speight

Show of media work and lecture entitled “The Notion of Skin” at the Comox Valley Art Gallery in Courtenay, B.C.

Co-juried an “en plein air” art competition at the Old School House Gallery in Qualicum Beach, B.C.

Creative Writing

Rhonda Bailey

Series editor of the Quest Library series of Canadian biographies published by XYZ Publishing of Montreal. During 2002, XYZ published two new books in the series: *Wilfrid Laurier: A Pledge for Canada* by Roderick Stewart, and *Phyllis Munday: Mountaineer* by Kathryn Bridge.

Kate Braid

Received a Malaspina Research Grant to support research on an anthology of Canadian form poetry with poet Sandy Shreve.

Steve Guppy

Third collection of poetry entitled *Understanding Heaven*, Wolsak and Wynn Publishers, Toronto, was short listed for the B.C. Book Prize, Dorothy Livesay Award for Poetry.

English

Dr. Richard Arnold

Recipient of two poetry prizes: a first place in the Anne Horsfield Memorial Contest in Parksville-Qualicum Beach, and a second place in the Joey Poetry Contest in Colorado, USA.

Published poems and reviews in various print and electronic journals including *Radical Pedagogy* (Colorado), *Terrain.org* (Arizona), *Brobdingnagian Times* (Ireland), *Tower* (Ontario), *RawNervZ* (Quebec).

Allan Brown

Edited a third anthology of writings from and about the Sunshine Coast and Mid-Vancouver Island entitled *The Wayward Coast: Anthology 2002* for Far Field Press.

Terri Doughty

Published book chapter entitled “Locating Harry Potter in the ‘Boy’s Book’ Market.” *The Ivory Tower and Harry Potter*, edited by Lana Whited, University of Missouri Press.

Dr. Ross MacKay

Presented paper entitled “The System of Denial: The Editorial Method of Hogg’s Editor in *The Justified Sinner*” to the Tenth James Hogg Society Conference at Balliol College, Oxford University.

Published paper entitled “The Scattered Ruins of Evidence: Non-Eventworthy History in *Old Mortality* and *The Brownie of Bodsbeck*” in the most recent volume of *Studies in Hogg and His World*.

Dr. Katharina Rout

Presented paper “Escaping the Ventriloquist’s Lap” at a conference on Minority Discourses that was organized by the University of Silesia in Ustron, Poland. The paper examined Katharina’s move from Europe to Canada, her experiences with the different post-secondary education systems and, most importantly, with Canada’s bilingualism and polyglossia as they shape her teaching and work as a literary translator.

Currently translating Ulla Berkéwicz’s novel *Ich weiß, daß du weißt*.

Dr. Ray Siemens

Developing Humanities Computing Infrastructure, \$62,600 (Canadian Foundation for Innovation, with matching funds from the British Columbia Knowledge Development Fund and the Malaspina Research Fund).

“Epistolary Politics and the Poetic Miscellany” \$22,000 for 2002-3, of a \$68,000 total fund for 2000-2003 (Social Sciences and Humanities Research Council of Canada).

“Inter/Disciplinary Models, Disciplinary Boundaries: Humanities Computing and Emerging Mind Technologies” Conference, \$14,000 (Social Sciences and Humanities Research Council of Canada’s President’s Fund, the Canadian Foundation for Innovation, Malaspina University-College, University of Toronto, and McMaster University).

The Humanities Computing Curriculum Conference, \$10,500 (Malaspina University-College, University of Alberta, and McMaster University).

Humanities Computing Support, \$2750 (Malaspina Research Fund).

Shakespeare Association of America, \$4,000.

Presented paper entitled “The Devil Is In the Details: Encoding An Electronic Edition of the Devonshire MS” to the renaissance Society of America Conference, Phoenix, Arizona, USA.

R.G. Siemens, ed. “A New Computer-Assisted Literary Criticism?” [Computers and the Humanities, special issue, summer 2002; ca. 130 pp.]

R.G. Siemens (Project Co-ordinator), Michael Best and Elizabeth Grove-White (University of Victoria), Alan Burk, James Kerr and Andy Pope (University of New Brunswick), Jean-Claude Guédon (University of Montréal), Geoffrey Rockwell (McMaster University), and Lynne Siemens (Malaspina University-College, “The Credibility of Electronic Publishing: A Report to the Humanities and Social Sciences Federation of Canada.”

With Peter Herman (San Diego State University). In Peter Herman, ed. *Reading Monarchs’ Writing: The Poetry of Henry VIII, Mary Stuart, Elizabeth I, and James VI/I*, “Henry VIII and the Poetry of Politics.” (Tempe: Medieval and Renaissance Texts and Studies, 2002; 33 pp.)

With Peter Herman (San Diego State University). In Peter Herman, ed. *Reading Monarchs’ Writing: The Poetry of Henry VIII, Mary Stuart, Elizabeth I, and James VI/I*, “Reading Monarchs’ Writing: Introduction.” (Tempe: Medieval and Renaissance Texts and Studies, 2002; 13 pp.)

R.G. Siemens, ed. In Peter Herman, ed. *Reading Monarchs’ Writing: The Poetry of Henry VIII, Mary Stuart, Elizabeth I, and James VI/I*, “Henry VIII’s Lyrics, from the Henry VIII MS (London, British Library Additional Manuscript 31,922).” (Tempe: Medieval and Renaissance Texts and Studies, 2002; 29 pp.)

R.G.Siemens, in Bill New, ed. *The Reader’s Encyclopedia of Canadian Writing*, “Canadian Literary Awards and Prizes.” (University of Toronto Press, 2002; 39 pp)

Dr. Craig Tapping

Plenary Session address at conference “Minority Discourse in Canada as a Model for Developing Secular Pluralism,” convened in Poland by the Centre for Canadian Studies at the University of Silesia. Paper entitled “Being Here, Being Queer, and Getting Used to It: Canada’s Charter of Rights and University Culture.”

Dr. Dawn Thompson

Kym Samis and Dawn Thompson, guest co-editors of a special issue of the *Journal of Child and Youth Care*, entitled “Coming Out and Into Our Own: A Special Issue On Lesbian, Gay, Bisexual, Transgendered Children, Youth And Practitioners.”

Deborah Torkko

Presented paper entitled “Belonging and Not Belonging” in Janice Kuylyk Keefer’s novel *Constellations* at the annual Two Days of Canada Conference at Brock University.

History

Dr. Cheryl Warsh

Presented paper to the Canadian Society for the History of Medicine on the history of menopause at the Learned’s Congress, Ontario.

Participated on a conference panel on the history of alcohol with the Canadian Historical Association at the Learned’s Congress, Ontario.

Writing a textbook on the history of women’s health, to be published by Broadview Press.

Engaged in SSHRC-sponsored study on tobacco advertising, researching with Penny Tinkler, on tobacco and other lifestyle ads in Vogue magazines in the 20th century.

Editor, *Canadian Bulletin of Medical History*.

Completing 11 encyclopaedia entries for the *Oxford Companion of Canadian History* and the *ABC-Clio Encyclopaedia of Alcohol History*.

Music

Dr. Alex Tsisserev

Wrote compositions for three films, and has been signed to a USA-based music publisher for film and television projects.

Selected Composer-In-Residence for “Dance at the Centre” in Vancouver, B.C.

Theatre

Ross Desprez

Artistic Director of The Other Guys Theatre Company, Victoria, B.C., which produced the world premiere of Tobin Stoke’s chamber opera *The Vinedressers* at the Belfry Theatre.

Writing and workshopping an original musical entitled *Moodyville Tales* for production at the Belfry Theatre in Victoria and the Chemainus Theatre in Chemainus, B.C.

Adjudicated the South Island Drama Festival for Theatre B.C.

Led play development workshop at Theatre B.C.’s Mainstage 2002.

Cowichan Campus

Carrie Nelson, Campus Principal, Cowichan

Ministry of Advanced Education grant of \$75,000 for a Community-Based First Nations Language Accreditations pilot project to assist First Nations communities and post-secondary institutions to work together to accredit community-based First Nations language and course work.

Faculty of Education

Dr. Bernie Krynowsky

Presented paper entitled “Effective Planning for Practicum Experiences” at WESTCAST 2002, Simon Fraser University.

Virginia MacCarthy

With Heather Pastro, presented “Making Connections: Integrating Language Arts and Visual Arts through Story Quilts” at the International Reading Association Annual Conference in San Francisco, USA.

With Heather Pastro, presented “Making Connections: Integrating Language Arts and Visual Arts through Story

Quilts” at the International Reading Association World Congress in Edinburgh, Scotland.

Dr. Jim Montgomery

Conference coordinator, B.C. Rural Teachers Association, Prince George, B.C.

Presented paper entitled “Sustainability and Rural Communities,” to the PanCanadian Network for Education for Sustainable Development, Ontario.

Conference presentation entitled “Realizing the Vision of School Mathematics” at the National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas, Nevada.

Mary O’Neill

Provincial Innovation Award for Education Technology for outstanding support and service to faculty and students in their use of technology in education.

Faculty of Health & Human Services

Nursing

Stephanie Buckingham

Conference presentation entitled “Perspectives on the Experience of the Learning Community Through On-Line Discussions” at the League for Innovations Conference, California, USA.

Marilyn Chapman

With Stephanie Buckingham and a fourth-year nursing student, presented paper entitled “Community Development and Planned Parenthood (Peer Education)” at the Planned Parenthood Association Conference.

Laureen Garteig

With Nicole Vaugeois, presented paper entitled “Exploring the Experience of Women Running in Partnership” at the Canadian Association of Leisure Studies Conference, Alberta.

Janet Rankin

Paper presented entitled “Putting Institutional Ethnography Into Practice – Technologies for Decision Support in Hospital Restructuring: The Tyranny of Patient Satisfaction,” University of Victoria.

Awarded the Gertrude Helen Robertson Graduate Scholarship, University of Victoria.

Child & Youth Care

Leanne Rose Sladde

Associate editor, *Journal of Child and Youth Care*.

Guest Editor, *Journal of Child and Youth Care*, Volume 15, No. 4.

Kymberle Samis

With Dawn Thompson, guest co-editors of a special issue of the *Journal of Child and Youth Care* entitled “Coming Out and Into Our Own: A Special Issue On Lesbian, Gay, Bisexual, Transgendered Children, Youth and Practitioners.”

Child & Youth Care—First Nations

Bruce Cooke-Dallin

Developed a partnership arrangement between C&YC and the Institute for Child Rights and Development at the University of Victoria, substantiated through a (draft) Memorandum of Understanding that describes an articulation agreement between the two institutions. Funding for this development came from the Prior Learning Assessment department at Malaspina University-College.

With Leslie Welin, co-developed three new courses that will be used across the province to educate First Nations students who will be entering the field of child protection work. Funding from the Ministry of Child and Family Development was awarded to the provincial Child and Youth Care Consortium which designated Malaspina University-College for course development. The project is ongoing, including pilot delivery.

Invited delegate from Malaspina University-College to UNICEF Mexico workshop in Merida, Yucutan. The workshop theme was concerned with the rights of indigenous children. Funding to attend came from International Education at Malaspina University-College, institutional professional development funds, and UNICEF Mexico.

Human Services

Dr. John Neville

Research project entitled “Evaluation of the British Columbia Concurrent Disorder Demonstration Project.” Designed to the Province of British Columbia, Ministry of Health Best Practice Principles.

Faculty of Science & Technology

Biology

Dr. Tim Goater

Member of Local Arrangements Committee for the International Congress of Parasitology Conference, Vancouver, B.C.

Published a review paper entitled “Ecological Monitoring and Assessment Network Protocols for Measuring Biodiversity: Parasites of Amphibians and Reptiles” for the federal Ecological Monitoring and Assessment Network. The review integrates parasite biological diversity and the techniques involved in parasite taxonomy and sampling, with amphibian and reptile biology.

Robert Wager

With Peter LaFayette and Wayne Parrott, analysis of the data presented in “Transgenic DNA introgressed into traditional maize landraces in Oaxaca, Mexico” by D. Quist and I. H. Chapela, (Nature 29 2001 issue (Volume 414, pp 541-533), *Electronic Journal of Biotechnology* Volume 5, Issue 2, 2002.

Article entitled “Biotech’s Battle Against Famine” published on the Globe and Mail’s website, January/02, explained how biotechnology holds more promise than organic farming methods to meet the world’s increasing demand for food.

Centre for Coastal Health

Dr. Craig Stephen

Generated over \$197,000 in research grants and contracts from Health Canada; Great Lakes Fishery Commission; Habitat Conservation Fund; B.C. Centre for Disease Control; and B.C Ministry of Environment.

Fisheries & Aquaculture

William (Bill) Bennett

Appointed as Honorary Research Associate working on the sturgeon project and animal care protocols.

Dr. Chris Foote

Participation in two research projects in relation to mechanisms of speciation in fishes: with Dr. Chris Wood of the Pacific Biological Station, Nanaimo, B.C., and with Dr. Troy Hamon and Joe Miller of the United States National Park Service, Alaska, USA.

Linda Hiemstra

Chair of the session “Increasing Company Productivity Through Human Resource Initiatives” at Aquaculture Canada 2002, Prince Edward Island.

D. Rideout and L. Hiemstra. “National Human Resource Initiatives for the Canadian Aquaculture Industry,” Aquaculture Canada 2002, Prince Edward Island.

Dr. E. D. (Dave) Lane

Pennell, W., E.D. Lane and F. Dalziel. 2001. “Open Systems: The Culture of Fish for Release into Natural Systems.” Pages 187-239 in G.A. Wedemeyer, editor. *Fish Hatchery Management*, Second Edition. American Fisheries Society, Bethesda, Maryland.

Dr. William (Bill) Pennell

With Don Tillapaugh and Liz Hammond-Kaarremaa, obtained \$400,000 of research and development funding for the Centre for Shellfish Research.

Pennell, W., E.D. Lane and F. Dalziel. 2001. “Open Systems: The Culture of Fish for Release into Natural Systems.” Pages 187-239 in G.A. Wedemeyer, editor. *Fish Hatchery Management*, Second Edition. American Fisheries Society, Bethesda, Maryland.

Pennell, W and P. Prouzet. “Salmonids.” Article for *UNESCO Encyclopedia of Fisheries*.

Geology

Dr. Steven Earle

Earle, S., “The geology of sea level change on Vancouver Island,” lecture presented at the Annual General Meeting of the Archaeological Society of B.C., Nanaimo Branch.

Earle, S., 2002, “Critical Thinking – examples and applications,” lecture presented to Malaspina University-College GIFTS session.

Cooper, R. and Earle, S., “Using Co-operative Inquiry to Improve Teaching: Meaning, Process, Content and Lived Experience,” paper presented to the University of Victoria Spring Conference Exploring Teaching as a Scholarly Activity.

Mathematics

Dr. Lev Idels

With Berezansky, L., “Oscillations in the Lasota-Wazewska Equation,” proceedings of the International Conference on Mathematics and Engineering Techniques

in Medicine and Biological Sciences, pp. 475-481, Las Vegas, USA.

Dr. Julian West

With Zvezdelina Stankova, Z., “A New Class of Wilf-Equivalent Permutations,” appeared in the *Journal of Algebraic Combinatorics*.

Physics

Ray Penner

Published article entitled, “The Physics of Putting,” *Canadian Journal of Physics* 80(2) February 2002.

Published article entitled, “The Run of a Golf Ball,” *Canadian Journal of Physics* 80(8) August 2002.

Resource Management Officer Technology

Dr. John Morgan

Barton, B.A., J.D. Morgan and M.M. Vijayan. 2002. “Physiological and condition-related indicators of environmental stress in fish.” Pp. 111-148 in *Biological Indicators of Aquatic Ecosystem Stress*. Edited by S.M. Adams. American Fisheries Society, Maryland, USA.

Faculty of Social Sciences & Management

Anthropology

Dr. Imogene Lim

Prepared an article entitled “Reclaiming History: Vision for the Future in Cumberland,” an investigation of Chinese Canadian history at Cumberland’s Chinatown site.

Co-edited *Re/collecting Early Asian America: Essays in Cultural History*, Temple University Press.

With Dr. Gay Frederick, coordinated B.C. Archaeology Forum hosted by the Anthropology Department and Snuneymuxw First Nations.

Dr. Andra Thakur

Conference presentation entitled “Economic Globalization and Higher Technical Education” given at the Hunan Provincial Department of Education Conference, Hunan, China.

With Dr. Gary Tunnell, presented a paper entitled “Indian Parables” to the International Conference on the Indian Diaspora, University of Guyana.

Economics & Political Science

Allan Warnke

Served on a panel at the Canadian Philosophical Association Congress 2002 at the University of Toronto. Respondent to the paper given by T. Hreno entitled “Jury Nullification: The Jurisprudence of Juror’s Privilege.”

Liberal Studies

Dr. John Black

Published book entitled *A Translation of Arthur Abivers: Zahl und Klang bei Platon (Number and Sound in Plato)*, published by Edwin Mellen Press, a publisher of scholarly research located in Lewiston, Illinois, USA.

Dr. Anne Leavitt

Conducted research at the Liberal Arts Research Institute, University of Dallas, Dallas, Texas, USA, to extend research begun by the ACTC on “Trends in the Liberal Arts Core: A Vision for the 21st Century” into Canada.

Philosophy & Religious Studies

Dr. Robert Pepper-Smith

Published book entitled, *The Wheel Keeper*, (a novel) Edmonton: NeWest Press, 2002.

Recreation & Tourism Management

Dr. Tom Delamere

Appointed as Research Associate with the School of Recreation Management and Kinesiology, Acadia University in Wolfville, NS.

Prepared and presented successful bid for Malaspina University-College and the Department of Recreation and Tourism Management to host the Eleventh Canadian Congress on Leisure Research in May, 2005.

Dr. Ken Hammer

With Ofori, G., “Community-Based Sustainable Aboriginal Tourism Project Development: A Proposed Model” to the Tenth Canadian Congress on Leisure Research, University of Alberta.

Dr. Wayne Pealo

Community Development Grant of \$14,000, for Shawnigan Lake Wild Coho Project, from B.C. Federation of Fly Fishers, South Cowichan Rotary Club, and Department of Fisheries and Oceans Canada.

Published book with G. Redmond entitled *Canadian Sport Tourism: An Introduction*, Recreation and Tourism Management Research Institute.

Pealo, W.G. and Redmond, G., “Canadian Multi Sport Festivals,” *Journal of Event Management*, Fall 2002.

With Redmond, G., presented paper entitled “Canada: Multi-Sport Festival Capital of the World” to the Tenth Canadian Congress for Leisure Research, University of Alberta.

Dr. Dave Robinson

Robinson, D.W., Robson, M., and Rollins, R. (2002).

“Towards Increased Citizen Influence in Canadian Forest Management Environments,” 29 (2), 21-42.

Conference presentation entitled “Kicking the Tires and Taking It for a Spin: Testing the Reliability and Validity of Festival Social Impact Attitude Scale” to the Tenth Canadian Congress for Leisure Research, University of Alberta.

Dr. Rick Rollins

With Mark Needham presented paper entitled “Intrasite Differences in the Crowding Norms and Specialization of Summer Visitors On and Adjacent to Whistler Mountain, B.C.” to the Tenth Canadian Congress for Leisure Research, University of Alberta and below,

With Mark Needham, Colin J.B. Wood, Philip Dearden, and Paul R. West, paper entitled “Indicators and Standards for Summertime Use at Ski Hills: Implementing a Multi-Stakeholder Approach at Whistler Mountain, B.C.” and,

With Stephen Connolly, paper entitled “Visitor Perceptions of Clayoquot Sound: Implications from a Recreation Specialization Model” and,

With Carleigh Randall, paper entitled “Marine Recreation Within our National Parks: Examining Social Carrying Capacity Issues in the Broken Island Group Islands, Pacific Rim National Park Reserve.”

Nicole Vaugeois

With Hammer, K., presentation entitled “Tourism and Recreation Partnerships” at British Columbia Recreation Facilities Personnel Conference, Comox.

With Garteig, L., presentation entitled “Women Recreational Running Partners” at Canadian Congress on Leisure Research, University of Alberta.

Principal investigator, *Tourism Labour Market Research on Vancouver Island* project. Through Recreation and Tourism Research Institute, in partnership with Tourism Vancouver Island, funding through HRDC. Phase I \$45,000, Phase II \$180,000 – January 2002 to September 2003.

Principal investigator, Conversion Study for Tourism Vancouver Island, June 2002.

Principal investigator, Cultural Tourism Inventory for Tourism Vancouver Island, May 2002.

Co-investigator, Women Recreational Running Project with Laureen Garteig, Spring 2002.

Led a fieldschool on Cultural Tourism to Malaysia.

Faculty of Student Services & Instruction

Student Support Services

Margaret Cadwaladr

Published book entitled *In Veronica's Garden* by Madrona Books & Publishing describing how and why Malaspina University-College became the protector of Milner Gardens and Woodland.

Faculty of Trades & Applied Technology

Information Technology & Applied Systems

Doug Stetar

Conference presentation/performance of “Crossing Over: Negotiating Specialization in an Interdisciplinary World.” This performance questioned the shifting roles of expert and novice within contemporary society.

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MALASPINA
University-College

Research & Scholarly Activity

"Malaspina and the other B.C. University-Colleges are, and will remain, institutions focused on teaching, learning, and service to the community. Faculty and students are involved in research and other forms of scholarship and professional activity because they sharpen that focus."

From the Research Scholarship, Working Group Report

To contact us with comments or concerns please email us at: research@mala.bc.ca
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- RESEARCH GRANTS
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RESEARCH NEWS - TOP HEADLINES

- 5/12/2003 \$7,847 Small Institutions Grant received from SSHRC
- 4/14/2003 \$63,290 grant awarded by AquaNet to Dr. Rick Rollins
- 3/31/2003 \$1.475 million CFI grant for Centre for Shellfish Research
- 3/31/2003 \$98,843 SSHRC grant awarded to Dr. Ray Siemens
- 3/26/2003 \$31,436 SSHRC grant awarded to Dr. Laurie Meijer-Drees
- 3/24/2003 List of Grants Received

<http://research.mala.bc.ca/index.asp>

MFA Leaves, 2002-'03

Patrick Carpenter

Compose a four-movement symphony for the Vancouver Island Symphony Orchestra.

Iris Churcher

Research the current and future use of traditional and digital illustration media; learn how other educational institutions are adapting to these changes; adapt existing curricula and develop new curricula; create a set of demonstration illustrations; create a CD portfolio as a teaching aid.

Doug Corrin

Review innovative teaching methods and technologies utilized in teaching GIS courses at the college/university level with the aim of strengthening instruction techniques and share findings by preparing a short paper and presenting a workshop for Malaspina faculty.

Develop agreements with institutions in Belize, Finland, France, Great Britain, New Zealand, and the USA regarding GIS Education with the aim of sharing teaching materials with colleagues.

Create on-line learning materials for students in the Biology, Fisheries and Resource management Officer Training (RMOT) programs.

Patrick Dunae

Write an illustrated history of education in British Columbia.

Maggie McColl

Complete a number of projects related to the Mid-Island Geoscience Project. These will create a critical mass of geological information about the mid-Island region for teaching and a foundation on which to build future research.

Les Malbon

Conduct collaborative research on coaching and physical education curriculum design at James Cook University, Australia.

Study Comparative Policy Design in Active Living, Sports Systems and Aboriginal Health in Australia and Canada.

Develop and design applied leadership and coaching studies at Malaspina University-College.

Complete advanced national coaching level standards.

Nancy Randall

Complete two scholarly articles, write several more chapters of her doctoral dissertation, and complete the analysis of a faculty focus group project entitled "Faculty development for novice, mid-career, and veteran faculty."

Leanne Rose Sladde

Work with faculty in the Child and Youth Care Program at Malaspina to construct a text for degree and diploma students which specifically focuses on the current trends in the field of Child and Youth Care in Canada.

Katharina Rout

Undertake a translation of Galsan Tschinag's novel *The Blue Sky*, and develop a course in Translation Studies.

Nicole Vaugeois

Complete the field-work component of her Ph.D. This involves residence in several rural resource-based communities in order to research rural responses to tourism.

Internal Research Grants

The following projects received internal grants in 2002/2003:

Malaspina Research Awards Committee (MRAC)

Evelyn Battell (Career & Academic Preparation) \$2,880

What Makes Literacy/ABE Instructors Effective in Their Practice?

A core group of five recognized literacy/ABE practitioners from around the province will work as a team in this two-year research-in-practice project to examine and describe what common personal traits, professional characteristics and instructional approaches have contributed to their own and other instructors' success with learners. Instructors, administrators, learners, professional organizations and academic researchers will be consulted throughout this study, both for their input and their assistance in analyzing the data.

Matthew Beedham (English) \$4,000
Documenting Vladimir Nabokov's *Lolita*

A volume of texts—newspaper and magazine reviews and articles, scholarly articles, letters to editors, letters from the author, legal transcripts, and other assorted materials—will be compiled that illustrate the complicated reception of Vladimir Nabokov's controversial novel, *Lolita*. The resulting book, which will gather together responses to this widely discussed novel, and the equally widely discussed films based on the novel, is intended to serve as a research tool which will offer students and scholars a point of departure for arguments about the novel's problems and merits, a chapter of interesting literary history, and ultimately, an argument about how these responses inform one's reading of the novel.

Fran Benton (Art) \$7,670
Silver Rush

A video documentary, *Silver Rush*, will be produced on the historical significance of the "ghost" town of Sandon,

which is located in the mountainous terrain of the west Kootenays of British Columbia.

Sandon was the site of a spectacular silver rush in the 1890s and the stories of the town, in many ways, rival Barkerville. The documentary will include live footage of the present-day town and residents, as well as photographs from the B.C. Archives.

Steven Earle (Geology) \$4,000
Geochemistry and geology of Nanaimo Group sedimentary rocks in the Cedar and Yellow Point areas and on Gabriola Island

The objective of the study is to determine the lithological and chemical characteristics of the Nanaimo Group rocks in the Cedar, Yellow Point and Gabriola areas, with emphasis on understanding both geochemical and lithological variations that might control ground water chemistry. The samples will be analyzed for major and trace elements, including fluorine, boron, selenium and arsenic.

Duane Friesen (Chemistry) \$5,265
Advanced oxidation for the treatment of wood waste leachate

Waste leachate derived from the waste of lumber operations in B.C. contains a mixture of humic materials and resin acids, some of which have known toxicity to the aquatic environment. This work involves the investigation of photochemically-based, environmentally-friendly methods of leachate treatment: TiO₂ photocatalysis and iron-based photo-Fenton chemistry. The relative efficiency of these methods for the treatment of wood waste leachate will be investigated, along with a characterization of mixture components using mass spectrometry facilities at the Applied Environmental Research Laboratory (AERL) at Malaspina University-College and at the National Water Research Institute in Saskatoon, Sask.

Lev Idels (Mathematics) \$4,000
Applications in biosciences using delay logistic differential equations

A new model describing population dynamics with the harvesting strategy will be considered, using logistic-like

differential equation with delay to yield specific insights into the management of complex ecological systems, e.g., population outbreaks, lobster fishery, metapopulation, and grazing ecosystems.

The aim of the project is to study the qualitative behaviour of mathematical models in biosciences, which may include delays and impulses, as well as harvesting, predation or recruitment. The study will be focused on the asymptotic properties of solutions to the above equations (oscillation, non-oscillation, relaxation oscillation, and stability), and the non-extinction problem (the existence of a positive solution, which does not tend to zero at infinity). The investigation will combine analytical methods with computer modeling.

Erik Krogh (Chemistry) \$4,405
Rapid Measurement of Dis-Infection By-Products in Drinking Water

This project aims to develop a novel method for the detection of an important class of potentially harmful molecules known collectively as dis-infection by-products (DBP's). These molecules are formed unintentionally during water treatment processes, depending on the levels of pre-cursor species present in source waters and are currently the focus of a great deal of toxicological research. We propose to develop membrane introduction mass spectrometry (MIMS) as a rapid measurement device capable of real-time identification and ultra-low level detection of DBP's.

The ultimate aim of this research is to provide a new analytical tool that will contribute to the maintenance of safe pathogen-free drinking water supply, while minimizing unintentional risks due to chemical DBP's.

Anne Leavitt (Liberal Studies) \$5,116
Trends in the Liberal Arts Core: The Canadian Picture, Phase I

This project is intended to lay the groundwork for a comprehensive study of Canadian core text/core course programs in cooperation with the ACTC (Association for Core Texts and Courses) Liberal Arts Institute at the University of Dallas. The ACTC has just completed its three-year study of such programs in the US (*Trends in the Liberal Arts Core: A Vision for the 21st Century*), which was supported by major grants from the American

National Endowment for the Humanities and the Carnegie Mellon Foundation.

Phase I of the Canadian version of this project will demonstrate the relevance, applicability and viability of extending the *Trends* project into Canada. It will involve adapting the *Trends* research instruments (e.g., questionnaires) for the Canadian higher education context, the collection of preliminary data from a wide number of Canadian programs, using that data to devise an appropriate agenda for on site visits to selected programs, and testing that agenda at four sites.

Elliott Marchant (Psychology) \$5,375
Human Activity Monitoring System

The primary objective of the current experiment is to establish a methodology and a set of analysis procedures for accurately recording human circadian and sleep data over an extended period of time using the ActiTrac Activity Monitoring System. While establishing these procedures, we propose to examine the effects of regular exercise on the wake-sleep cycle, stress and mood in university age students. To accomplish this, subjects will be supplied with an activity monitor that they will wear 24 hours a day for two weeks. For one of those weeks, participants will exercise as normal. For the other week, subjects will be asked to avoid all strenuous activity. Mood, stress and subjective well-being data will be collected on two occasions during both the exercise week and the non-exercise week, using validated psychological inventory. The results of this experiment should not only establish a methodology for recording human circadian data, but also provide some evidence that exercise has a number of positive effects on university students.

Maggie McColl (Geology) \$4,000
Fifth British Columbia Paleontological Symposium, May 2-5, 2003, Nanaimo, BC

B.C. Paleontological Symposia are held biannually at locations around the province to highlight local paleontology and to provide a variety of presentations that appeal to both the international professional and amateur paleontological communities. The Fifth B.C. Paleontological Symposium was hosted at Malaspina on May 2-5, 2003. The symposium was co-hosted by the Geology Department at Malaspina and the Vancouver Island Paleontology Museum Society. The international conference highlighted the geology and paleontology of the mid

Vancouver Island region through a variety of oral presentations, displays (including a juried art show), workshops and field trips to local fossil beds.

Dave Robinson (Recreation & Tourism Management) \$4,850

The Creation of a Community-University Research Alliance Between the Community of Ucluelet and Malaspina University-College

This project seeks to solidify and enhance a community-university research alliance between the community of Ucluelet and Malaspina University-College. This collaborative research alliance focuses on planning and policy development for rural/coastal communities in economic transition. The project will culminate in an application for external funding from the SSHRC/Community-University Research Alliance Program. This project has three phases; the MRAC award will be used for Phase II.

Phase I: New Planning Approaches for Communities in Transition: A Case Study of Ucluelet, Vancouver Island, B.C.

This phase has been completed.

Phase II: Visioning Ucluelet’s Future: Planning and Policy Development

Looking to the community’s future, Phase II will: (1) explore and identify ways to further develop the Ucluelet-Malaspina research alliance, (2) research and design planning and policy initiatives to guide Ucluelet’s growth and development over the next ten years, and (3) identify aspects of Ucluelet’s planning and policy initiatives that have applicability to other rural resource-based communities facing similar socio-economic transitions.

Phase III: A Collaborative Research and Mutual Learning Alliance

If the external funding application is successful, this phase will implement a major collaborative and mutual learning partnership between Malaspina University-College and Ucluelet.

Travel & Conference Proceedings Committee

Corey Blades	2002 Conference on Information Technology League for Innovation in the Community College	\$500
Erika Blakeman	2002 Conference on Information Technology League for Innovation in the C.C.	\$700
Stephanie Buckingham	League for Innovations	\$700
Lynn Hunter	Strategies for Therapeutic Success	\$400
Jim Montgomery	Action Research and Teachers’ Professional Development: International Seminar	\$800
Terry Preston	Critical Incident Stress Management	\$700
Nancy Randall	University College Institute Professional Developers’ Meeting	\$400
Nancy Randall	SCOEA Workshop Program Evaluation	\$400
Sylvia Scow	First Nations Education Coordinators	\$300
Ray Siemens	TAPOR: Text Analysis Portal for Research	\$700
Trudy Sorensen	Association for the Advancement of Applied Sport Psychology	\$700
Doug Stetar	Crossing Over: Negotiating Specialization in an Interdisciplinary Culture	\$700

BCGEU Professional Development Committee

Glen Galloway	Curriculum redesign session	\$130
Dan Light	Curriculum redesign session	\$260
Dan Lines / Stu Siefert	Air brake session	\$500
Vicki Noonan	Teaching Matters sessions (3)	\$500
Lorna Zaback	Thinking Skills workshop	\$500

Research & Scholarly Activity Committee

Mary Abbott	Attendance at B.C. College of Teachers' Conference, Nov. 22-23/02, Vancouver	\$400
Matthew Beedham	Compilation of a volume of texts that document the reception of Vladimir Nabokov's controversial novel <i>Lolita</i> . Volume one is due to the publisher July 2003. He expects to publish this second volume with the same publisher.	One section of release plus \$500
Jerry Hinbest	Presenting a study and conducting a focus group session at the Conference of the American Association of Suicidology, Santa Fe, New Mexico	\$700
Ross MacKay	Submission of manuscript <i>Rational Fiction: Historical Representation in the Novels of Walter Scott and James Hogg</i> . Interest expressed by the University of Toronto Press.	One section release
Lynne Siemens	Research on a series of small business case studies, leading to publication. Funding request is for travel to small café and supplies shop on the West Coast Trail	\$500
Marshall Soules	A Digital Documentary Project to prototype the use of digital video in on-line courses. Request is for a Matrox 120GB External Hard Drive.	\$500
Allan Warnke	Presentation of two papers at the Pacific Sociological Association Conference, Pasadena, CA	\$700

Committee Membership (2002-2003)

Animal Care

David Thomas, *Chair*
David Drakeford, *Vice-Chair*
Gayle Brown
Frank Dalziel
Gary Doolin
Tim Goater
Brian Godfrey
Erick Groot
Liz Hammond-Kaarremaa
Hitomi Kimura
John Morgan
Craig Stephen

Support: Deborah Hathaway /
Patricia Stuart

Affiliation: Advisory to the
President

BCGEU Professional Development

Shiona Northway, *Chair*
Phyllis Cann
Milena Essig
Christine Mitchell
Paul Mottershead
Nancy Randall
Doug Stetar

Support: Deborah Hathaway

BCGEU PD Leave Committee

Stu Siefert, *Chair*

Affiliation: BCGEU (B.C.
Government & Service
Employees Union, Local 702)

Malaspina Research Awards (Malaspina Research Fund)

David Thomas, *Chair*
John Boland
Duane Friesen
Liz Hammond-Kaarremaa
Ann Holroyd

Melody Martin
Tony Robertson

Support: Deborah Hathaway

Affiliation: Advisory to the
President

MFA Leave

Tim Goater, *Chair*
Fran Benton
Darrel Mansbridge
Maureen Parkes
Ian Ross
Daniel Simons
Neil Smith
David Thomas (*ex officio*)

Support: Deborah Hathaway

Affiliation: Malaspina Faculty
Association

MFA Professional Development

Nancy Randall, *Chair*
Jennifer Brownlow
Rachel Cooper
Ken Hammer
Melody Martin
Deborah Torkko
Rob Wager

Affiliation: Malaspina Faculty
Association

Research & Scholarly Activity (formerly the Joint Scholarly Research Committee)

Ian Ross, *Chair*
Patrick Dunae
Allan Gibson
Raimo Marttala
Nancy Randall

Support: Sharon Rise

Affiliation: Malaspina Faculty
Association

Research Involving Human Subjects

Lynn Traynor, *Co-Chair*
Zoe Dams, *Co-Chair*
Imogene Lim
Robert Pepper-Smith
Tony Robertson
Mike Warsh
Donna Wilson

Support: Deborah Hathaway

Affiliation: Advisory to the
President

Travel and Conference Proceedings

Jim Montgomery, *Chair*
Jim Dean – BCGEU
Gary Doolin – BCGEU
Kathleen Matheson – MFA
Russ McNeil – MFA

Support: Darlene Higgins

Affiliation: Advisory to the
Vice-President, Instruction and
Research

Technology Transfer Centre

David Drakeford, *Chair*
Rick Warner, *Director*,
Technology Transfer Centre
Angus Livingstone, *University/
Industrial Liaison*, UBC
Warren Nagata, *Industry
Technology Advisor*,
National Research Council
Rick Pepper, *Ministry of
Competition, Science and
Enterprise*
Murray Walters, *Senior Process
Engineer*, *Harmac Pacific*



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