



(UNDERGRADUATE STUDENT RESEARCH)

THE UNIVERSITY OF WINNIPEG
UNDERGRADUATE

EDGE



THINK LINK UWINNIPEG RESEARCH

 The UNIVERSITY of WINNIPEG

At The University of Winnipeg, the focus is on undergraduates. As a result, they enjoy benefits that give them a distinct advantage over their counterparts at other institutions.

Undergraduate Edge

Our undergraduate students receive tremendous opportunities to engage in research and scholarship alongside faculty because they are not in competition with or overshadowed by graduate students. The advantage? University of Winnipeg students get individual attention and gain valuable, hands-on experience that benefits them immensely as they enter graduate school or the job market.

"The profs are always there for you – whenever I needed help with assignments or papers all I had to do was ask." – AKASH BEDI



Student Opportunities

RESEARCH

A great many students at The University of Winnipeg participate directly in research, either on their own or in close collaboration with faculty. It is not uncommon for these students to be listed as co-authors on publications and conference presentations. Through research, students extend their knowledge in a particular field of study and gain insight into the process of conducting research and communicating their findings.

CONFERENCES

Several University of Winnipeg departments hold annual, formal conferences at which undergraduates present their research before faculty and peers in a setting that mirrors professional conferences. Students develop invaluable presentation skills through these endeavours, and gain confidence they will need when required to participate in seminars or conferences in graduate school or in jobs, where the stakes are much higher.

RESEARCH ASSISTANT POSITIONS

Students are routinely hired to assist professors with research and research-related publications. While their names may not appear on the finished product (and thus may not be listed in this report), their contributions are very much appreciated. Research Assistants acquire practical experience that broadens their learning experience and helps them to develop research skills.

DIRECTED READINGS AND THESIS AND PROJECT COURSES

Many University of Winnipeg departments offer directed readings and thesis and project courses. The one-to-one instruction and individual guidance students receive in these advanced courses provide a challenging learning environment that enhances the senior years of study.

Students in Research

The following pages represent a survey of undergraduate student involvement in formally presented and/or published research between 1992 and 2002 (student names have been underlined). The list contains 576 papers that involved 283 different students and 71 faculty members; it is by no means an exhaustive list as it does not include most students who presented papers at an undergraduate student forum or those who contributed in a research assistant capacity.

The students named in this survey have clearly demonstrated an ability to perform research that has been accepted at higher levels in their discipline. As well, they have acquired firsthand knowledge of the objectives and methodologies, the pitfalls, and the gratification of research. They have gained experience in the preparation of manuscripts through to the publication stage, have learned how to present results orally, and will have the beginning of an academic curriculum vita when they leave The University of Winnipeg.

"I really love the History program because I have the opportunity to do primary research, to go into the archives, and to do projects that undergrads don't usually get to do. That's really important to me because I'm preparing for law school, and I'm going to need the research and organizational skills." – JENNIFER NELSON (HISTORY)



Students and Their Research

ANTHROPOLOGY

BUCHNER, A.P.

Meiklejohn, C., A.P. Buchner and R.T. Callaghan, 1994. Mammal bone pendants and sub-adult burials: a possible association in the Late Woodland period of Manitoba. *Canadian Journal of Archaeology*, 18, 49-56.

CALLAGHAN, R.T.

Meiklejohn, C., A.P. Buchner and R.T. Callaghan, 1994. Mammal bone pendants and sub-adult burials: a possible association in the Late Woodland period of Manitoba. *Canadian Journal of Archaeology*, 18, 49-56.

CARIGNAN-SVENNE, D.

Carignan-Svenne, D., 1995. La Cuisine/Art: Knowing my place as a volunteer at the Winnipeg Folk Festival. *The Canadian Folk Music Bulletin*, 29 (3), 19-21.

SCHENTAG, C.T.

Meiklejohn, C., J.M. Wyman and C.T. Schentag, 1992. Caries and attrition: dependent or independent variables? *International Journal of Anthropology*, 7(1), 57-62.

BIOLOGY

BROOKS, J.

Wiegand, M. D., Johnston, T. A. and Brooks, J., 2000. Egg neutral and polar lipid fatty acid composition from seven reproductively isolated populations of walleye (*Stizostedion vitreum*). *Proc. 6th Internat. Symp. Reprod. Physiol. Fish* (B. Norberg, O. S. Kjesbu, G. L. Taranger, E. Andersson, and S. O. Stefansson, eds.). Institute of Marine Research and University of Bergen, Norway, 88-91.

CANTOR, E.

Cantor, E. 2002. The genetic basis of interspecific variation in male and female pheromone profile in *Drosophila*. PUBLS, University of Calgary.

CHARLESON, K.

Charleson, K. and M.D. Wiegand, 1995. Depletion of fatty acid reserve during embryonic development in the medaka (*Oryzias latipes*). In F.W. Goetz and P. Thomas (eds.), *Proceedings, Fifth International Symposium on Reproductive Physiology of Fish, FishSymp*, The University of Texas at Austin, Marine Science Institute, Port Aransas, Texas, p. 242.

CORBIN, I.

Corbin, I., R. Simcoff, M. Novak and B.J. Blackburn, in press. Metabolism of [13 C] pyruvate by cysticerci of *Taenia crassiceps*. *Parasitology Research*.

Corbin, I., B.J. Blackburn, T. Wolowiec and M. Novak, 1996. Metabolic profile of the liver of mice infected with cysticerci of *Taenia crassiceps*. *Parasitology Research*, 82, 273-275.

Corbin, I., B.J. Blackburn and M. Novak, 1995. Effect of tapeworm larvae on conversion of [13 C] alanine to [13 C] lactate in mouse liver. Presented to 38th Annual Meeting, Canadian Federation of Biological Societies, Saskatoon, Saskatchewan.

Corbin, I., T. Wolowiec, M. Novak and B.J. Blackburn, 1994. 13 NMR study of liver metabolites from mice infected with tapeworm larvae. Presented to Canadian Society for Chemistry, Winnipeg, Manitoba.

Corbin, I., 1994. A proton nuclear magnetic resonance study of metabolites of *Taenia crassiceps* cysticerci. PUBLS. Calgary, Alberta.

DONKERSLOOT, A.

Blackburn, B.J., C. Hudspeth, A. Donkersloot and M. Novak, 1992. 31 P NMR spectroscopy of liver extracts from mice infected with *Mesocestoides vogae*. Presented to VI European Multicolloquium of Parasitology, The Hague, The Netherlands.

FIRLOTTE, N.

Firlotte, N. and R.J. Staniforth, 1995. Strategies for revegetation of disturbed gravel areas in climate-stressed subarctic environments with special reference to Churchill, Manitoba: A literature review. *Climate Research*, 5, 49-52.

GRILLER, N.

Staniforth, R.J., N. Griller and C. Lajzerowicz, 1995. Seedbanks of coastal ecosystems of Hudson Bay. Presented to the Annual General Meeting, Canadian Botanical Association, Guelph, Ontario.

GROSSHANS, R.

Forbes, S., N. Buckley, M. Forbes, B. Glassey and R. Grosshans, 1995. Hatching asynchrony and nest-failure in red-winged blackbirds. Presented at Annual Meeting of the Animal Behaviour Society, Lincoln, Nebraska.

Grosshans, R. and S. Forbes, 1995. Parental optimism in yellow-headed blackbirds. Presented at Annual Meeting of the Animal Behaviour Society, Lincoln, Nebraska.

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HAMEED, N.

Novak, M., N. Hameed, C. Hudspeth and B.J. Blackburn, 1992. Phosphorous metabolites of *Echinococcus multilocularis* cysts, *Mesocestoides vogae* tetrathyridia and *Hymenolepis microstoma* adults detectable by ¹³P NMR spectroscopy. Presented to VI Multicolloquium of Parasitology, The Hague, The Netherlands.

Novak, M., N. Hameed, R. Buist and B.J. Blackburn, 1992. Metabolites of alveolar *Echinococcus* as determined by ¹³P and ¹H nuclear magnetic resonance spectroscopy. *Parasitology Research*, 78, 665-670.

HECHTER, R.P.

Hechter, R. P. and P. F. Moodie, 2000. Pectoral fin asymmetry, dimorphism and fecundity in the Brook Stickleback, *Culaea inconstans*. *Behaviour* 137, 999-1009.

Hechter, R.P., P. F. Moodie and G.E. Moodie, 1999. Pectoral fin asymmetry, dimorphism and fecundity in the brook stickleback, *Culaea inconstans*. Presented to the III International Conference on Stickleback Behaviour and Evolution, Vancouver, June 11-16.

LAJZEROWICZ, C.

Staniforth, R.J., N. Griller and C. Lajzerowicz, 1995. Seedbanks of coastal ecosystems of Hudson Bay. Presented to the Annual General Meeting, Canadian Botanical Association, Guelph, Ontario.

LEE, J.

Novak, M., A. Modha, J. Lee, R. Buist and B.J. Blackburn, 1995. Metabolism of D-[1-¹³C] glucose in livers of *Meriones unguiculatus* infected with *Echinococcus multilocularis*. *Canadian Journal of Zoology*, 73, 58-66.

Blackburn, B.J., A. Modha, J. Lee, R. Buist and M. Novak, 1994. Magnetic resonance spectroscopy of glucose metabolism in liver of *Meriones unguiculatus* infected with *Echinococcus multilocularis* ICOPA VIII, Izmir, Turkey.

Lee, J.W.K., A. Modha, R. Buist, J.K. Saunders, B.J. Blackburn and M. Novak, 1994. In situ ¹³C NMR spectroscopy of [1-¹³C] glucose metabolism in liver of birds infected with *Echinococcus multilocularis*. Presented to Society of Magnetic Resonance, San Francisco, California.

MASLOW, K.

Schoen, J., A. Modha, K. Maslow, M. Novak and B.J. Blackburn, 1996. A NMR study of parasitized *Tenebrio molitor* and *Hymenolepis diminuta* cysticeroids. *International Journal of Parasitology*, 26, 713-722.

MENDELSON, M.

Civetta, A. and M. Mendelson. 2002. The genetics of costly mating in *Drosophila simulans* and *D. sechellia*. Proceedings of the 43rd Annual *Drosophila* Research Conference, San Diego, California, p. a303.

Mendelson, M. and A. Civetta. 2002. A male-specific gene locus responsible for variation in female *Drosophila* survival after mating. Genetics Society of Canada, University of Saskatchewan, Saskatoon.

MODHA, A.

Modha, A., M. Novak and B.J. Blackburn, 1997. Alteration in brain metabolites of birds infected with alveolar *Echinococcus*. *Journal of Parasitology*, 83, 764-766.

Modha, A., M. Novak and B.J. Blackburn, 1996. Effect of alveolar *Echinococcus* on the concentration of bird brain metabolites. Presented to the VII European Multicolloquium of Parasitology, Parma, Italy.

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OTTENBREIT, K.A.

Ottensbreit, K.A. and R.J. Staniforth, 1992. Life cycle and age structure of ramets in an expanding population of *Salix exigua* (sandbar willow). *Canadian Journal of Botany*, 70, 1141-1146.

PENNER, R.

Penner, R., G.E.E.Moodie and R. Staniforth, 1999. The dispersal of fruits and seeds of poison ivy (*Toxicodendron radicans*) by ruffed grouse (*Bonasa umbellus*) and squirrels (*Tamiasciurus hudsonicus* and *Sciurus carolinensis*). *Canadian Field-Naturalist*, vol. 113, 616-620.

POZERNICK, M.

Pozernick, M. and M.D. Wiegand, 1997. Use of canola oil in the feed of larval and juvenile goldfish, *Carassius auratus* L. *Aquaculture Research*, 28, 75-83.

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Schoen, J., A. Modha, K. Maslow, M. Novak and B.J. Blackburn, 1996. A NMR study of parasitized *Tenebrio molitor* and *Hymenolepis diminuta* cysticeroids. *International Journal of Parasitology*, 26, 713-722.

Schoen, J., M. Novak and B.J. Blackburn, 1995. Labelled metabolites in *Echinococcus* cysts from [2-¹³C] lactate in mouse liver. Presented to 38th Annual Meeting, Canadian Federation of Biological Sciences, Saskatoon, Saskatchewan.

Schoen, J., T. Wolowiec, B.J. Blackburn and M. Novak, 1994. ¹³C NMR study of *Tenebrio molitor* parasitized by *Hymenolepis diminuta*. *Canadian Society of Zoologists Conference*, Winnipeg, Manitoba.

SHIMIZU, K.Y.

Novak, M., K. Shimizu and B.J. Blackburn, 1992. A ¹⁹F NMR study of 5- flououracil metabolism in *Mesocestoides corti* tetrathyridia. *Canadian Journal of Zoology*, 70, 406-410.

SIMCOFF, R.

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SINGH, R.

Evans, W.S., M.C. Hardy, R. Singh, G.E. Moodie and J.J. Cote, 1992. Effect of the rat tapeworm, *Hymenolepis diminuta*, on the coprophagic activity of its intermediate host, *Tribolium confusum*. *Canadian Journal of Zoology*, 72, 2311-2314.

ST. JEAN, A.

Gietz, D., A. St. Jean, R.A. Woods and R.H. Schiestl, 1992. Improved method for high efficiency transformation of intact yeast cells. *Nucleic Acids Research*, 20, 1425.

STAYNER, B.L.

Huebner, J.D. and B.L. Stayner, 1997. Effects of *Daphnia magna* of laboratory exposure to UV-B radiation. Presented to the Annual Meeting, Canadian Society of Zoologists, London, Ontario.

STEVENSON, D.

Tardif, J. and Stevenson, D. 2002. Radial growth - climate association of *Thuja occidentalis* L. at the northwestern limit of its distribution, Manitoba, Canada. *Dendrochronologia* 19: 1-9.

SUTTON, A.

Sutton, A., Staniforth, R. and Tardif, J. in press. Reproductive ecology and allometry of red pine (*Pinus resinosa* Ait.) at the northwestern limit of its distribution range, Manitoba, Canada. *Canadian Journal of Botany* 0:00-00. Accepted February 2002, to be published in May 2002 issue.

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Forbes, L.S., S. Thornton, B. Glassey, M. Forbes and N. Buckley, 1997. Why parent birds play favourites. *Nature*, 390, 351-352.

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Thornton, S. and S. Forbes, 1995. Insurance offspring in red-winged blackbirds. Presented at Annual Meeting of the Animal Behaviour Society, Lincoln, Nebraska.

WEINBERG, O.

Gietz, R.D., O. Weinberg and R.A. Wood, 1992. Ultra-high efficiency yeast transformation using the LIAC/SSDNA/PEG method. Poster presented at the 16th International Conference on Yeast Genetics and Molecular Biology, Vienna, Austria. *Yeast* 8 (Special Issue), S259.

**BUSINESS COMPUTING AND ADMINISTRATIVE STUDIES****MORIN, M.**

Morin, M. and S. Singh, 2002. *La Liberte Newspaper*. To be presented at the International Conference of Global Business and Technology Association (GBATA) in Rome, Italy on June 25-29, 2002.

CHEMISTRY**ARMSTRONG, D.A.**

Abd-El-Aziz, A.S., D.A. Armstrong, S. Bernardin and H. Hutton, 1995. Addition of hydride and cyanide ions to bis(cyclopentadienyliron) arene complexes. Presented to Pacific Chemistry Conference, Hawaii.



Abd-El-Aziz, A.S., D. A. Armstrong and H. Hutton, 1994. Relative distribution of hydride addition products of bis(cyclopentadienyliron) arene complex. Presented to Eight Annual Western Canadian Undergraduate Chemistry Conference, Regina, Saskatchewan.

Abd-El-Aziz, A.S., H.M. Hutton, D. Armstrong and K.M. Epp, 1994. NMR analysis of product distributions resulting from hydride additions to bis(cyclopentadienyliron) arene complexes, 1994. Presented at the 77th Canadian Chemical Conference and Exhibition, Winnipeg, Manitoba.

Abd-El-Aziz, A.S., H.M. Hutton, K.M. Epp and D. Armstrong, 1994. NMR investigation of the hydride addition products of bis(cyclopentadienyliron) complexes of aromatic ethers and thioethers, 1994. Presented at the 35th Experimental Nuclear Magnetic Resonance Conference, California.

BENARROCH, A.

Peeling, J., L. Shoemaker, T. Gauthier, A. Benarroch, G.R. Sutherland and G.Y. Minuk, 1993. Cerebral Metabolic and Histologic Effects of Thioacetamide-Induced Liver Failure. *American Journal of Physiology*, 265, G572.

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Abd-El-Aziz, A.S., D. Armstrong, S. Bernardin and H.M. Hutton, 1996. Nucleophilic addition to di- and poly-iron arene complex cations. *Canadian Journal of Chemistry*, 74, 2073-2082.

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BUDAKOWSKI, W.

T.M. El Morsi, W.R. Budakowski, A.S. Abd-El-Aziz and K.J. Friesen, "Photocatalytic Degradation of 1,10-Dichlorodecane in Aqueous Suspensions of TiO₂: Degradation Pathway and Significance of Adsorption", *Environ. Sci. Technol.* 34, 1018-1022 (2000).

T.M. El-Morsi, T.M., W.R. Budakowski, B.H. Elmayergi, A.S. Abd-El-Aziz, and K.J. Friesen, "Assessing the Environmental Persistence of Chlorinated n- Alkanes: Hydrolytic and

Photolytic Reactivity," SETAC 21st Annual Meeting, Nashville, November 2000.

A.S. Abd-El-Aziz, L.J. May and W.R. Budakowski, "Controlled Molecular Design of Norbornene Monomers", 46th International Conference on Analytical Sciences and Spectroscopy, Winnipeg, August, 2000.

A.S. Abd-El-Aziz, W.R. Budakowski and L.J. May, "Design of a New Class of Norbornene Monomers", 46th International Conference on Analytical Sciences and Spectroscopy, Winnipeg, August, 2000.

Abd-El-Aziz, A.S., W.R. Budakowski and L. May, "The Synthesis and Polymerization of a New Class of Substituted Norbornenes", 14th Annual Western Canadian Undergraduate Chemistry Conference, Winnipeg, May, 2000.

Abd-El-Aziz, A.S., W.R. Budakowski and L.J. May, "The Design of a New Class of Substituted Norbornene Monomers", 83rd Canadian Society for Chemistry Conference and Exhibition, Calgary, May, 2000.

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Abd-El-Aziz, A.S. and J. Bzikot, 1994. Poly (Aromatic ethers) containing metallic moieties with naphthalene bridges. Presented to Eighth Annual Western Canadian Undergraduate Chemistry Conference, Regina, Saskatchewan.

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CORKERY, T.C.

T.C. Corkery, A.S. Abd-El-Aziz and E.K. Todd "Polyaromatic Ethers with Imine Bridges" 16th Annual Western Canadian Undergraduate Chemistry Conference, Calgary, May, 2002

A.S. Abd-El-Aziz, S.L. McFarlane, T.H. Afifi and T.C. Corkery, "Design of Monomeric and Polymeric Sulfur Based Materials" 223rd American Chemical Society National Meeting, Orlando, April, 2002.

COOMBS, J.

Cloutis, E.A., D.M. Goltz, J. Coombs, B. Russell, M. Guertin, and T. Mueller (2000) Hydrated carbonate minerals: Spectral reflectance properties and possibility of detection in Martian spectra ; Lunar and Planetary Science Conference, 31, abstract #1155.

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Sheilla Jones says that the University of Winnipeg's size and its professors make it unique. "At UWinnipeg, undergraduates get to work closely with their professors. They aren't insulated from each other by a layer of graduate students. Because of this, I think professors become true mentors to their students, and this has certainly been the case for senior students like myself in the Physics Department."



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If anyone told Laura Kasian that she'd be working with top National Research Council (NRC) researchers in her second year at UWinnipeg, she wouldn't have believed it. But it happened, and Kasian says she is ecstatic.

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Mathematics professor James Currie says that 85 per cent of the mathematicians in his department are active in research, and that of these, over 80 per cent have been awarded funding in national competitions.

HERE ARE SOME OF OUR NOTABLE GRADS

Alison Bell (BSc '99 Biology) – is a technical assistant with City of Winnipeg Insect Control.

Blair Dalglish (BSc '99 Biology) – is pursuing a degree in dentistry at the University of Manitoba.

Angele Maki (BSc '98 Chemistry) – is at Stanford University, in the PhD program in the department of chemistry. She is currently working on developing self-replicating RNA and evolving new ribozymes.

David Selchen (BSc '97 Biology / Psychology) – is a Rhodes Scholarship winner who is now pursuing graduate studies at Oxford in the Faculty of Psychological Studies. Selchen was also the recipient of two gold medals and one silver medal for academic excellence.

Lori Shoemaker (BSc '90 Chemistry) – embarked on a Canadian Red Cross mission to Kosovo in the former Yugoslavia to monitor political detainees.

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Schultz, K., P. Greenhill, J. Huebner, D. Rittberg, L. Sisler, D. Carignan Svenne, F. Ferguson, S. Holm, I. Schellenberg, T. Williams and S. Zolondek, 1996. Plenary Panel: Fostering women's persistence and success in undergraduate science: Reports on current research and future directions. *Women and Other Faces In Science*, Saskatoon.

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Baldwin, M.W., B. Fehr, E. Keedian, M. Siedel and D.W. Thompson, 1993. An exploration of the relational schemas underlying attachment styles: Self-report and lexical decision approaches. *Personality and Social Psychology Bulletin*, 19, 746-754.

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Schultz, K., N. Ward, M. Roberts, A. Wintink, L. Francis and T. Williams, 1996. Water maze escape latencies decrease in older rats with lower testosterone and choline exposure. Presented to the Society for Neuroscience, Washington, D.C.

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Schultz, K., N. Ward, M. Roberts, A. Wintink, L. Francis and T. Williams, 1996. Water maze escape latencies decrease in older rats with lower testosterone and choline exposure. Presented to the society for Neuroscience, Washington, D.C.

Schultz, K., P. Greenhill, J. Huebner, D. Rittberg, L. Sisler, D. Carignan Svenne, F. Ferguson, S. Holm, I. Schellenberg, T. Williams and S. Zolondek, 1996. Plenary Panel: Fostering women's persistence and success in undergraduate science: Reports on current research and future directions. *Women and Other Faces In Science*, Saskatoon, Saskatchewan.

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Roberts, M.J., K.J. Schultz and A.J. Wintink, 1997. Environment enrichment effects rats' use of hippocampally mediated spatial strategies. Poster Paper presented at the Annual Meeting, Canadian Society for Brain, Behaviour, and Cognitive Science.

ZAHARIA, M.

Zaharia, M. and G. Rockman, 1992. The effects of enriched rearing on taste sensitivity in rats. Presented to Canadian Psychological Association Meeting, Quebec.

SOCIOLOGY

KAMPEN, K.

Novek, J. and K. Kampen, 1996. Sustainable or unsustainable development in western Canada. In R.J. Brym (ed.), *Society in Question: Sociological Readings for the 21st Century*, Harcourt Brace & Co., Toronto, Ontario, pp. 289-300.

Novek, J. and K. Kampen, 1992. Sustainable or unsustainable development? An analysis of an environmental controversy. *Canadian Journal of Sociology*, 17, 3.

THEATRE & DRAMA

AXELROD, D.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

BARTON, S.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

BOROWSKI, D.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

BRETT, K.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

CATACUTAN, A.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

COOPER, E.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.



CROSS, B.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

GUNDER, M.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

HOWGATE, J.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

HERE ARE SOME MORE OF OUR NOTABLE GRADS

Lloyd Axworthy (Honorary Doctor of Laws '98, BA '61) – Director and CEO of the Liu Centre for the Study of Global Issues at the University of British Columbia, formerly Canada's foreign affairs minister from 1996 to 2000.

Mark Matz (BA Hons. '96 Classics) – Won a Rhodes Scholarship to study at Oxford University in England.

Douglas Nepinak (BA Hons. '93 English) – Communications Officer for the Assembly of Manitoba Chiefs

Brad Roberts (BA Hons. '88 English and Philosophy) – Lead singer for the Juno award winning rock group the Crash Test Dummies

Katherine Barber (BA Hons. '86 French) – Editor of *The Canadian Oxford Dictionary*

Guy Maddin (BA '78 Economics) – Innovative filmmaker, winner of a lifetime achievement award at the 1995 Telluride Film Festival. He is also a recipient of UWinnipeg's Distinguished Alumni Award (2001).

Margaret Laurence (BA '47 English) – Legendary Canadian author

JOBITT, M.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

KUHN, L.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

LEE, K.K.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver. British Columbia.

L'ESPERANCE, J.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

MORAN, F.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

NUTTING, K.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

RANNIE, K.

Rannie, K., 1993. Lead role in video *WHMIS For Students*. Directed by Blake Taylor for Manitoba Department of Workplace Health and Safety.

RICE, S.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

ROBBINS, J.

Robbins, J., 1994. Lighting design for Noon Hour theatre production of *Dancer, Prancer, and Prunes* (by D-A Kuby and J. Williamson). Directed by Blake Taylor.

ROMANIUK, C.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

SWAN, L.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

WADDELL, T.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn,

J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

WARD, K.

Axelrod, D., S. Barton, E. Cooper, B. Cross, M. Gunder, M. Jobitt, L. Kuhn, J. L'esperance, F. Moran, S. Rice, C. Romaniuk, L. Swan, T. Waddell and K. Ward, 1995. Dance performances in Noon Hour Theatre production *Rough Cuts & Polished Edges*, produced by Blake Taylor. Directed by Odette Heyn-Penner and Faye Thompson.

WILKES, C.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

Wilkes, C., 1993. Lead role (Annette) in Noon Hour Theatre production of *Texas Boy* (by George Rideout). Directed by Blake Taylor.

ZEISS, P.

Borowski, D., K. Brett, A. Catacutan, J. Howgate, K.K. Lee, K. Nutting, C. Wilkes and P. Zeiss, 1996. Lead roles in *Parallel Lines*. Co-directed by Blake Taylor and Bruce Hanks. Distributed by Moving Images, Vancouver, British Columbia.

WOMEN'S STUDIES

BUHLER, S.

Buhler, Sarah., 1999. "I Chose Some Cups and Saucers" *Gender, Tradition, and Subversive Elements in my Grandmother's Life Stories*. *Ethnologies*, 21 (1), 47-63.

CARIGNAN-SVENNE, D.

Greenhill, P. and D. Carignan-Svenne, 1995. Toward pluralistic alternatives in woman to woman mentoring. Presented to Canadian Women's Studies Association, Montreal, Quebec.

Carignan, D., 1994. Hanging on to that kind of secret: coming out stories. Presented to Folklore Studies Association of Canada, Calgary, Alberta.

CARLYLE, E.

Carlyle, E., 1997. The invisible whiteness of being: Gary Filmon and the media. Presented to the Feminist (Re)visions of Identity in Canadian Traditional and Popular Culture panel, Learned Societies Congress, St. John's, joint session of Folklore Studies Association of Canada/Canadian Women's Studies Association, and at the Stirring Up a Storm conference, Winnipeg, Manitoba.

Carlyle, E., 1996. Children's folklore and resistance to violence against women. *Culture & Tradition*, 18, 61-73.

COHEN, N.

Cohen, N., 1999. Queering the tale: Reinterpreting Mistress Trudy. Presented to the Folklore Studies Association of Canada, Sherbrooke, Quebec.

Cohen, N., 1997. From the borders: Uncovering implicit definitions of whiteness from the perspective of questionably-white. Presented to Feminist (Re)visions of Identity in Canadian Traditional and Popular Culture Panel, Learned Societies Congress, St. John's, joint session of Folklore Studies Association of Canada/Canadian Women's Studies Association, and at the Stirring Up a Storm Conference, Winnipeg, Manitoba.

FOWLER, M.

Fowler, Maria., 2001. Sexual Social Scripts and the Re-Imaginations of Community Identity. *Ethnologies*, 23 (1), 45-59.

George Fulford, Jane Leverick, Kimberley Wilde, Maria Fowler, Kara Peters Unrau, Arden Hill and Barbara Wakshinski., 1999. Stone Memories, Sculptured History; Multiple Readings of Manitoba's Legislative Building. *Ethnologies*, 21 (1), 209-234.

Fowler, M., 1999. Mother Holle revisited: Queering transformative moments in fairytales. Presented to the Folklore Studies Association of Canada, Sherbrooke, Quebec.

GIERMAN, N.

Gierman, N., 2001. Scandalous Secrets Revealed; Performing Queer on the Jerry Springer Show. *Canadian Woman Studies*, 20/21 (4/1), 120-123.

Gierman, N., 2000. Scandalous secrets revealed: Performing queer on the Jerry Springer Show. Presented to the Folklore Studies Association of Canada, Edmonton.

GOLDSBOROUGH, L.J.

Goldsborough, L.J., 1996. Power concealed-power revealed: Towards new meanings of menstruation. *Culture & Tradition*, 18, 23-32.

HAGEN-SMITH, L.

Hagen-Smith, L., 1997. The rainbow flag: Protest, celebration and gay pride in Winnipeg. Presented to the Feminist (Re)visions of Identity in Canadian Traditional and Popular Culture panel, Learned Societies Congress, St. John's, joint session of Folklore Studies Association of Canada/Canadian Women's Studies Association, and at the Stirring Up a Storm Conference, Winnipeg, Manitoba.

Hagen-Smith, L., 1995. On your mark....: the audience place at the Winnipeg Folk Festival. *The Canadian Folk Music Bulletin*, 29 (3), 16-19.

HILL, A.

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SPECIAL THANKS...

to William Rannie, Professor of Geography at The University of Winnipeg, for his continuing efforts in compiling information on undergraduate involvement in research.

