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Thompson Rivers University's *Comprehensive News Magazine*

THOMPSON RIVERS  UNIVERSITY

## Convocation 2006



Thompson Rivers University is awarding an estimated 1,867 diplomas, degrees and certificates to graduates from over 50 different undergraduate degree options and more than 50 different career diploma and job-entry certificate programs.

The first class to cross the stage during the June 8, 10am convocation ceremony is also the first cohort of graduates from the university's own Bachelor of Education (Elementary) degree program.

Since 1989 the Bachelor of Education degree was offered in partnership with UBC and after years of discussion with the BC College of Teachers, the TRU Bachelor of Education (Elementary) degree was approved in 2004.

"We're better able to meet the needs of our region by offering our own degree," Dr. Kathryn McNaughton, Dean of Education, said. "We can provide beginning teachers with a program that reflects the local needs and conditions. It also creates an opportunity for an education degree in Trades and Technology and certificates and diplomas for teachers in the area of special education.

"Once the approval processes with the provincial Degree Quality Assurance Board are complete, TRU will also offer a Master of Education."

By creating an autonomous Bachelor of Education degree, TRU School of Education was able to create courses that related directly to students' practicum experiences, Jack Miller, Bachelor of Education Chair, said. "We morphed UBC's principles of teaching and class assessment theory courses into three teaching and learning courses that tie directly into each of the three practicum semesters."

The TRU degree also has a stronger emphasis on integrating fine arts (music, drama and art) and personal planning, all part of the provincial elementary curriculum, but not addressed in any other BC university's course work for preparing teachers.

After receiving their degrees, this class of 50 will join family, friends and fellow graduates at TRU's Horticulture gardens for photo opportunities, refreshment and entertainment.

Now officially TRU alumni, they'll each be presented with a package detailing the benefits to "staying connected" with faculty and the friends they've made while at university.

"Besides the benefit of a valuable network," Nancy Plett of the Alumni Association said, "there are many discounts and an opportunity to join an online community with a free email address for life."

TRU's Alumni Association will be at all four convocation ceremonies distributing information to grads and selling roses, frames and memorabilia.



## Chancellor's Welcome

Congratulations graduates, and a warm welcome to esteemed guests, families and friends.

As Chancellor of this university, I am honoured and privileged to be here to celebrate Convocation with you.

Thompson Rivers University is committed to comprehensiveness and to every form of knowledge and learning that prepare students for life and a career.

Your education is not only a significant personal achievement, it is also highly valued by our society and our country. The knowledge and skills you gained to earn your certificate, diploma or degree will help you build a better future for yourselves, and for us all.

As successful graduates ready to enter a career or further your education, your expertise and ideas will reflect the level of education that you received here, and your credentials will be well recognized because of TRU's reputation as an innovative university that is known for a high standard of excellence.

I wish you all the best as you move forward, and ask you to stay in touch with your alma mater, Thompson Rivers University.

Once again, congratulations, graduates.

You have worked hard, and this day is yours to savour and enjoy.

Sincerely,

Nancy Greene Raine  
Chancellor  
Thompson Rivers University



## President and Vice-Chancellor's Welcome

Welcome graduates, families and friends. We are here to celebrate a landmark occasion in the lives of our 2006 Thompson Rivers University certificate, diploma and degree graduates.

Congratulations graduates. You have worked hard to achieve what will be recognized here today.

Each of you has received a first-class education and I am confident that you can now successfully pursue your career and life goals.

Along with my welcome and congratulations, I extend my thanks to those who are with us to celebrate on this occasion: our honorary doctorate recipients, our platform guests, the many faculty and staff present, and the families and friends of our graduating students.

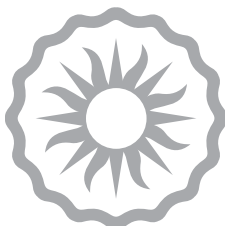
Thank you as well to everyone who supported their students through years of study and hard work. We all share your pride in the accomplishments of our graduates.

At the end of Convocation, I invite you all to a reception in the Horticulture Gardens. I hope to see you there.

Again, congratulations, graduates.

Sincerely,

Roger H. Barnsley  
President and Vice-Chancellor  
Thompson Rivers University



MJ Paluck



Nicole Befurt



Laura Beyer



Samara Quinton

# Valedictorians

### Valedictorian Ceremony A

#### MJ Paluck

—Child and Youth Care diploma

MJ Paluck was born in Smithers, and moved to Kamloops during her school years, where she graduated from Westsyde Secondary School. After earning her Community and School Support certificate at TRU, she laddered into the Child and Youth Care diploma program, where she excelled in her studies. She has already begun to use her education and skills as a co-facilitator at Skl'ep School, and her instructors describe her as a highly conscientious, ethical and skilled professional who has consistently demonstrated her commitment to the children, youth and families that she works with, to the university, and to the community of Kamloops. Future plans include volunteer work and working full-time in a school setting.

### Valedictorian Ceremony B

#### Nicole Befurt

—Bachelor of Arts (hons) degree,  
Psychology Major

Nicole grew up in Prince George, and graduated from Prince George Secondary School. She returned to university as a mature student after the tragic death of her eldest son Jacob in 1999. After mathematics upgrading, Nicole enrolled in the Arts program, where she excelled, and was named to the Dean's List in 2004 and 2005. An active community volunteer, Nicole is active with the Kamloops Heritage Railway Society and School District #73's One to One reading program. On campus, she was instrumental in the formation of the Student Psychology club. Future plans include a master's degree and PhD with the ultimate goal of becoming a clinical psychologist.

### Valedictorian Ceremony C

#### Laura Beyer

—Bachelor of Science in Nursing degree

Laura Beyer was born in Punnichy, Saskatchewan, then moved with her family to Creston, BC, where she graduated from Prince Charles Secondary School. A Dean's List scholar while pursuing her nursing degree, Laura, also co-owner of BodyWorks Fitness Center, taught fitness classes and worked as a personal trainer. She also found time to volunteer at various blood-pressure clinics, and even organized one of her own, as well as a "Stretch at Work" seminar.

Future plans include an advanced practice course to obtain a neonatal nursing specialty certificate, and a master's degree in nursing within the next ten years, with the ultimate goal of becoming a neonatal nurse practitioner.

### Valedictorian Ceremony D

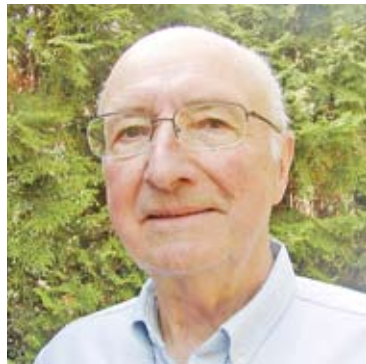
#### Samara Quinton

—Bachelor of Business Administration degree,  
Accounting Major

Samara Quinton grew up in Cranbrook, and graduated from Mount Baker Secondary School. She completed a Business Administration Diploma in Accounting at College of the Rockies and a Certificate of Religious Studies at Pacific Life Bible College before coming to TRU to continue her business education. In the past three years, Samara was named to the Dean's List throughout her years of schooling, and has won a number of awards, including the 2003 Governor General Bronze Medal, a TRU transfer award and entrance bursary in 2003, and the 2005 Chartered Accountant's Education Foundation scholarship. Future plans include earning her Chartered Accountant designation and travel. Samara is also the winner of the University Medal in Business Administration.

# Convocation 2006

## Honorary Doctorates



### **Dr. James Fraser Mustard** Honorary Doctor of Laws

One of the world's leading experts on childhood learning and behaviour, Dr. Mustard is founding president and fellow of the Canadian Institute for Advanced Research, and through his work there, has been a leader in Canada with respect to the socioeconomic determinants of human development and health. Perhaps the single most important impact of Dr. Mustard's work has been the creation of the Council for Early Child Development, formed in 2004 following the publication in 1999 of his pivotal Early Years study, co-edited with former New Brunswick Lieutenant Governor, The Honourable Margaret Norrie McCain.

As a major researcher, Dr. Mustard has had 489 publications in academic journals and has served on the editorial boards of six academic journals. He has acted as advisor to many international and national governments and organizations, and has served on numerous provincial and federal government committees, advisory boards and foundations. He has been awarded 16 Canadian and two international honorary degrees.

Dr. Mustard has received numerous international and national distinctions, among them the Royal Society of Canada's William J. Dawson Medal, Companion of the Order of Canada, the Heart & Stroke Foundation of Canada Award of Merit, Fellow of the American Association for the Advancement of Science, the Canadian Medical Association's FNG Starr Award, and was named to the Canadian Medical Hall of Fame.

People throughout Canada and the world have benefited greatly from the lifelong efforts of Fraser Mustard. His leadership, vision and support of health and education symbolize Thompson Rivers University's commitment to lifelong learning and the importance of child welfare and development.

### **John Ciriani** Honorary Doctor of Letters

John Ciriani has been an exemplary educator. He taught at Trail Junior High School from 1953 to 1956, then took a position at J. Lloyd Crowe Senior Secondary School in 1956 while working toward a Bachelor of Education degree at UBC, which he completed in 1957.

After teaching English, mathematics and physics at J. Lloyd Crowe from 1956 to 1961, John Ciriani was appointed head of the mathematics department at that school. In 1966 he was appointed assistant to the principal of J. Lloyd Crowe, remaining until 1971, during which time he earned a Master of Arts degree in Mathematics Education.

From 1971 until he retired in 1995, John Ciriani was a mainstay of the mathematics department at the former Cariboo College and The University College of the Cariboo.

A born educator with a gift for teaching, John Ciriani was considered to be the best teacher at Cariboo College. He won a teaching merit award in 1985 and was presented with the university's inaugural Master Teacher Award 1988.

John Ciriani also helped to teach the teachers and his mentorship of his colleagues was well noted and appreciated. Throughout the transition of the university from a community college to a degree-granting institution, John Ciriani was heavily involved in curriculum development, course planning, and establishing transfer credit with the major universities. John Ciriani also reached out beyond campus boundaries as the founder of the Provincial High School Mathematics Contest, which now attracts students from all over the province.

### **C.T. (Manny) Jules** Honorary Doctor of Laws

Manny Jules is a distinguished First Nation leader and innovator who has devoted over 30 years of his life to First Nations entrepreneurship and self-government.

In 1974 he was elected councillor of Kamloops Indian Band for the first time, and in 1984 he was elected chief.

In his 16 years as chief, Mr. Jules spearheaded a number of initiatives. He is most well-known for co-founding the Shuswap Nation Tribal Council, repatriating through purchase and negotiated settlement 45,000 acres of alienated Kamloops Indian Band reserve lands, and driving the passage in 1988 of Bill C-115. This is the only First Nation-led amendment to the Indian Act to date, well known as "the Kamloops Amendment."

After Bill C-115 led to the establishment in 1989 of the Indian Taxation Advisory Board (ITAB), Manny Jules was appointed ITAB's first chairperson, and was twice reappointed. He also co-founded the Centre for Municipal-Aboriginal Relations with the Federation of Canadian Municipalities and the First Nations Gazette, and led the creation of the Financial Management Board and Statistics, and the First Nations Finance Authority.

In 2000, Jules retired as chief to devote his full attention to leading the drive to establish the First Nations fiscal institutions. In 2003, he became lead spokesperson for the First Nation Fiscal Institutions Initiative and focused on leading Bill C-19, the First Nation Fiscal and Statistical Management Act.

Aboriginal people throughout Canada and elsewhere have benefited greatly from Manny Jules's pioneering leadership, commitment and innovation in First Nation legislation, self-government and entrepreneurship.

### **Nathan Matthew** Honorary Doctor of Letters

A member of the Simpcw First Nation, Nathan Matthew holds bachelor's degrees in recreation education and education professional and has a Master of Education from UBC. He served as Simpcw chief from 1976/77, 1985-87 and from 1989 to 2006, initiating many community-building educational and financial initiatives.

Education has been a priority for Nathan Matthew throughout his professional career, and he has been called the education chief of Canada. He was a founding member and continuous chair of the First Nations Education Council for School District #73, and also served as chair of the Chief's Committee on Education for the Assembly of First Nations.

Nathan Matthew has also served as First Nations representative to the provincial Education Advisory, political advisor and negotiator for the First Nations Education Steering Committee, signatory to the Memorandum of Understanding with provincial and federal education partners to work on behalf of First Nations students, and First Nations signatory to the Education Jurisdiction agreement. He has served as tribal chief of the Shuswap Nation Tribal Council from 1993 to 1996 and from 2002 to 2006, spearheading the development of the Secwepemc Title and Rights Consultation and Accommodation and the Secwepemc Economic Development Corporation.

Nathan Matthew, in his role as planner, strategist, relationship-builder, supporter and spokesperson for First Nations has provided consistency and stability to his community and other aboriginal organizations. His belief in the potential of and his efforts in demonstrating the capacity for First Nations self-determination has made him an important voice for First Nations aspirations.

### **Dr. Suzanne Fortier** Honorary Doctor of Letters

Dr. Suzanne Fortier, who assumed the presidency of the Natural Sciences and Engineering Research Council (NSERC) in 2006, also assuming the role of chair of the Networks of Centres of Excellence Steering Committee, has had a long and successful career as both a scientist and an administrator.

Throughout her academic career, Dr. Fortier authored or contributed to more than 60 scientific papers and was among the pioneers helping to shape the new scientific discipline, bioinformatics.

The first person in her family to attend university, she earned a Bachelor of Science degree in 1972 and a PhD in crystallography in 1976 from McGill University.

She held several research positions over a six-year period before joining Queen's University in 1982 where she remained until 2005, receiving the Distinguished Service Award from Queen's University Council for exceptional contributions to research and academics and her devotion to Queen's University.

Dr. Fortier has served with many external administrative and collegial organizations, including the Council of Science and Technology Advisors, the Royal Military College of Canada, the Ontario Centres of Excellence, Inc., the Ontario Task Force on Competitiveness, Productivity and Economic Progress, and NSERC, where she was a council member and Vice-President.

In January 2006, Dr. Fortier assumed the presidency of NSERC, where she continues to promote research and development in universities and the private sector.

People throughout Canada and the world have benefited greatly from the lifelong efforts of Suzanne Fortier. Her leadership, vision and ingenuity symbolize Thompson Rivers University's commitment to research and to interdisciplinary initiatives.



Top Row, L-R:  
Barbara Campbell  
Lyra Lemery  
Devon Stonehocker  
Daniel Graves  
Jenna R. Ziegler  
Wendy-Anne Skjerpen



Bottom Row, L-R:  
Andrew C. Krenz  
Nicole R. Hagan  
Marcel A. Tetrault  
Tiera A. Machell  
Leanne M. Neighbour  
Samara Quinton



# University Medal Winners

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## Governor-General's Silver Medal

### Barbara Campbell

—Bachelor of Education degree

Barbara Campbell was born in Squamish in 1979 and graduated from Howe Sound Secondary in 1997. Upon graduating from UBC with a bachelor of science degree in agroecology in 2002, she received the HM King Prize for the highest standing in animal science and the PA Boving award for the highest standing in any agriculture undergraduate degree program. After two years working as the program coordinator for BC 4-H in Kamloops, Barbara discovered a passion for working with children and education. She enrolled in TRU's bachelor of education program, where she excelled, winning the Bruce Roberts scholarship and earning dean's list standing every year. She was recently hired by School District #73 as a teacher-on-call and hopes to teach full-time in Clearwater. She and her husband Matt are expecting their first child this summer.

## Governor-General's Bronze Medal

### Lyra Lemery

—Animal Health Technology diploma

Lyra Lemery was born in Victoria in 1980 and graduated from Lambert Park Secondary School in 1998 with an entrance scholarship to the University of Victoria, where she graduated with distinction in 2003 with a bachelor of science degree in biology. An animal lover, Lyra enrolled in the Animal Health diploma program at TRU, with the career goal of working in wildlife rehabilitation. She did volunteer work and practicums at the BC Wildlife Park, the Burrowing Owl Recovery Centre, and the Wild Ark animal rehabilitation centre in Victoria. Lyra has just moved to Victoria with her fiancé, Adam, who moved to Kamloops to support Lyra during her studies. They will be married this August.

## University Medal in Arts

### Devon Stonehocker

—Bachelor of Arts degree  
with concentrations in anthropology and theatre

Devon Stonehocker was born in Surrey in 1983, then moved to Kamloops with her family in 1990, graduating from Brocklehurst Senior Secondary School in 2000 with the Governor-General's Bronze Medal. A dean's list scholar with a passion for travel and theatre, Devon has volunteered with Western Canada Theatre and performed in the recent TRU Actors Workshop play, *A Lie of the Mind*. A highlight of her time at TRU was the anthropology field school in Eastern Europe. Devon's future plans include travel and a master's degree.

## University Medal in Science

### Daniel Graves

—Bachelor of Science degree, Computing Science major,  
Co-operative Education designation

Daniel Graves was born in Chilliwack in 1983, and graduated from Hope Secondary School in 2001 with the Governor-General's Bronze Medal. Daniel won the 2005 Canadian Acoustical Association's Hetu prize for his co-invention with UBC professor Murray Hodgson of the acoustical software ClassTalk during a 2004 work term. He also worked on satellite-to-earth mapping for synthetic aperture radar (SAR) during two work terms last year in Salem, Germany. He has been awarded a prestigious 2006 Canada Graduate Scholarship prize from the Natural Sciences and Engineering Research Council. Future plans include the long-term goal of becoming a professor.

## University Medal in Nursing

### Jenna R. Ziegler

—Bachelor of Science in Nursing degree

Jenna Ziegler was born in Smithers in 1981, and graduated from Smithers Senior Secondary in 1999. After taking TRU Bachelor of Science courses for one year, Jenna switched to nursing. An active volunteer, Jenna helped out in Kamloops doing blood pressure clinics and was the team captain for a 22-member TRU Nursing team in the CIBC Run for the Cure last September. She has also volunteered at Options for Sexual Health in Smithers and was treasurer of the nursing undergraduate society for two years. She is now working in public health in Smithers and is considering continuing her education with the long-term goal of teaching in a school of nursing.

## University Medal in Fine Arts

### Wendy-Anne Skjerpen

—Bachelor of Fine Arts degree

Wendy-Anne Skjerpen was born in Kamloops in 1977, and graduated from Kamloops Senior Secondary School in 1995. She earned certificates as a florist and dog groomer before enrolling in TRU's fine arts program, where she won the 2004/05 Mitchell Zawaduk memorial bursary and the 2006 ceramics award. She has volunteered as an art teacher's assistant at South Kamloops Secondary School, and also helped to organize the TRU ceramics show held this past January. Among other options, Wendy-Anne is thinking of pursuing a master's degree in fine arts in the near future.

## University Medal in Tourism Management

### Andrew C. Krenz

—Bachelor of Tourism Management degree

The youngest of eight children, Andrew Krenz was born in Red Deer, Alberta in 1978. After moving with his family to BC, he graduated from Peter Skene Ogden Secondary School in 100 Mile House in 1996 and then earned a ski resort management diploma at Selkirk College in 2000. After playing in bands for a couple of years, Andrew, an accomplished guitarist who also composes, came to TRU to pursue a tourism degree. An active volunteer with an avid interest in international tourism development, Andrew has volunteered with two church missions overseas, has taken a graduate course in the Gambia in West Africa, and just returned from a class trip to Chile, where he participated in an indigenous tourism project.

## University Medal in Social Work

### Nicole R. Hagan

—Bachelor of Social Work degree

Nicole Hagan was born in Kamloops in 1973 and graduated from Kamloops Senior Secondary in 1991. She enrolled in sciences at TRU, also playing soccer and volleyball, where she excelled and was named Scholar-Athlete of the Year three years in a row, as well as CCAA Academic All-Canadian in 1995, her BSc graduating year. After taking accounting through distance education for three years, Nicole returned to TRU, where she continued to distinguish herself. She is now working in adult mental health with the Interior Health Authority and plans to continue that work in Kamloops, where she lives with her husband and five-year-old son.

## University Medal in Journalism

### Marcel A. Tetrault

—Bachelor of Journalism degree

Marcel Tetrault was born in New Westminster in 1968, then after moving with his family to Surrey at age two, graduated from Queen Elizabeth Senior Secondary School in 1986. He earned a bachelor's degree in computing science at UBC in 1994. His belief in the importance of the media to society led him to pursue journalism studies at TRU, where he excelled, named to the dean's list every year. While at TRU, he volunteered for the oOmega student newspaper, and also played hockey and guitar. He is now working at the Comox Valley Echo, and plans to continue to work at Canadian newspapers.

## University Medal in Natural Resource Science

### Tiera A. Machell

—Bachelor of Natural Resource Science degree

Tiera Machell was born in Ganges, Saltspring Island, in 1983, and graduated from Gulf Islands Secondary School in 2001. An avid outdoorsperson, Tiera, whose hobbies include horseback riding, target shooting, and guitar, also achieved her black belt in Tae Kwon Do. As an active volunteer and animal lover, Tiera has continued to volunteer at the Kamloops Wildlife Park, where she has been a docent and animal health care volunteer. After completing some science prerequisites at TRU this fall, Tiera will continue her studies at the Western College of Veterinary Medicine in Saskatoon.

## University Medal in Education

### Leanne M. Neighbour

—Bachelor of Education degree

Born in Edmonton in 1965, Leanne Neighbour moved with her family to Kamloops, where she graduated from Kamloops Senior Secondary School in 1983. She completed a bachelor's degree in child and youth care at the University of Victoria in 1988, and then worked at the Variety Treatment Centre and for the Surrey school district in child and youth care, before deciding to focus on teaching. She enrolled with TRU's School of Education where she distinguished herself, also finding time in her busy life as the single mother of two young children to volunteer at their school. She plans to teach in the school system, and is considering pursuing a master's degree in a few years.

## University Medal in Business Administration

### Samara Quinton

—Bachelor of Business Administration degree,  
Accounting Major

Samara Quinton grew up in Cranbrook, graduating from Mount Baker Secondary School. She completed a Business Administration Diploma in Accounting at College of the Rockies and a Certificate of Religious Studies at Pacific Life Bible College before coming to TRU to continue her business education. In the past three years, Samara was named to the Dean's List throughout her years of schooling, and has won a number of awards including the 2003 Governor General Bronze Medal, a TRU transfer award and entrance bursary in 2003, and the 2005 Chartered Accountant's Education Foundation scholarship. Future plans include earning her Chartered Accountant designation and travel. Samara is also the valedictorian for this Convocation Ceremony.



## Alan R. Green

Educator Emeritus

Alan Green was born in Vancouver, and earned a Radio and Electronic Technician diploma in 1960, then a master's degree in education in 1990.

Since being hired as an Instructor at Cariboo College in 1972 he has seen many changes in technology and the institution.

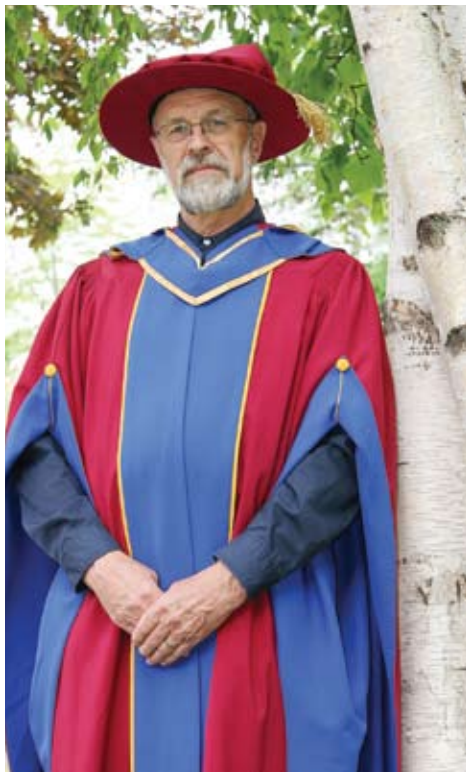
He developed and implemented the Electronics Technician curriculum. He also promoted faculty development through Instructional Skills Workshops, Training Access (TRAC) seminars and related consultation activities, trained facilitators to lead instructional skills workshops, worked with faculty to help improve instructional techniques, and actively participated in the development and delivery of the Student Success program. He also developed an "Electronics Core" curriculum while seconded to the B.C. Ministry of Education.

Even with a career that has spanned 34 years, Al Green says, "There are a number of things I've been doing that aren't quite done yet." As Educator Emeritus, he intends to continue his support of Skills Canada at all levels, to mentor new faculty, and to recruit and tutor students.

Al Green was a consultant on BC's pilot Career Technical Centre and in 2002 the Ministry of Education asked him to serve as a "post-secondary expert" for an Integrated Resource Package (IRP) being developed for the secondary electronics programs in the province. His role was to offer advice on the content of the secondary electronics program and suggest ways that the high school curriculum and the post-secondary "Core" curriculum could be integrated.

An active community member as well, Al Green was a member of the Kamloops "Daybreakers" Kiwanis Club, as well as the Society of Engineering Technologists of BC (SETBC), where he eventually became chair of the Kamloops chapter and then a director of SETBC's provincial council. He also served on the Kamloops Society for Health and Income Options, Scouts Canada, which recently awarded him a Medal of Merit. Al Green was the Society of Vocational Instructors (SVI) chapter chair and provincial president and was named Honourary Member of the Society. He also founded the Chad Green Memorial Initiative (CGMI), a project to help the disadvantaged of the city improve their living conditions.

He has served as co-ordinator for the "Computers for Schools" project, and has been an active member of the Convocation Committee. In the late 1990s he became involved with Skills Canada and related organizations as a mentor for TRU students competing in the provincial competitions, and in 2000 became co-ordinator for TRU Skills, Chair of the Provincial Technical Committee (PTC) for Secondary Electronics and a member of the National Technical Committee (NTC) for Secondary and Post-secondary Electronics. In 2005 he was appointed International Expert and represented Canada at the World Skills Competition in Finland, and in 2006 was elected NTC Chair.



## Henry A. Hubert

Professor Emeritus

Dr. Henry Hubert obtained a bachelor's degree from the University of Alberta in 1965, a master's degree from Simon Fraser University in 1970, and a PhD in rhetoric and composition from the University of British Columbia in 1989.

Having spent virtually his entire academic career in Kamloops at Cariboo College, UCC and finally TRU, Dr. Hubert says it's appropriate to stay connected to the university as Professor Emeritus. He has published or presented 44 scholarly papers, and was co-founder of TRU's scholarly journal, *Textual Studies in Canada*. He expects to continue his involvement with the journal and to continue his work developing a music program within Visual and Performing Arts.

He came to Cariboo College in 1971 to teach in the English department, serving as chair and on a number of committees. He was also very active with the faculty association, as a committee member and as president for two terms. He was later appointed dean of TRU's Faculty of Arts.

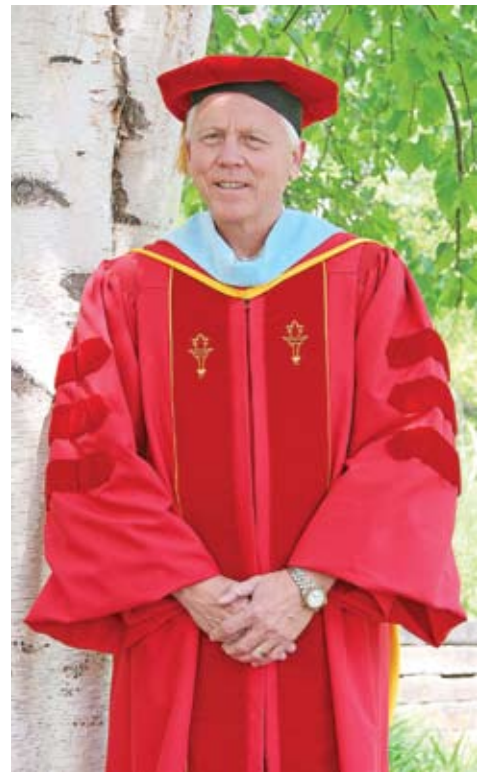
He won the Cariboo College Merit Award for Service in 1983, a Teaching Excellence Award in 1998, and the UCC Distinguished Service Award in 2003.

He brought the study of rhetoric to the university, was co-founder of the TRU Writing Centre, and put in many extra hours establishing the High School Model United Nations conference at TRU.

As an instructor, Dr. Hubert gave freely of his time and expertise to help students in many writing endeavours, and has worked to ensure student and graduate success through such initiatives as work-study and copyediting positions with *Textual Studies in Canada*.

Dr. Hubert's own research on the history of universities in Canada has given him a perspective on the long term influence of universities on nations as well as communities and developing universities isn't always a straight line. There are curves, valleys and hills ... the results are often not apparent for decades, or even a century later, he says.

"The beginning of Dalhousie, University of Toronto, Queens and McGill were all humble and difficult, but they have all become great. That's the potential I see at TRU."



## Charles Neil Russell

Professor Emeritus

Having served TRU for 17 years in all its previous incarnations, Dr. Neil Russell hopes to continue to serve the university, as Professor Emeritus, using the experience and relationships he's developed.

Dr. Russell has been the catalyst for many student leadership initiatives on campus including service learning and supplemental learning. "It's volunteers that make things happen," he said. "They're key to affecting changes, not just on campus but in the broader community."

Although, as his contributions to TRU attest, he is keenly interested in student leadership, he'll serve the university in any capacity he can. "It's an honour," Dr. Russell said. "I am humbled to receive such an honour."

Dr. Neil Russell holds a Doctorate of Education, specializing in Higher Education, from the University of Southern California. He has over 30 years of experience in administration at the community college, community colleges system and university level, and has published or presented 17 related scholarly articles. In addition, Dr. Russell has extensive international experience in Africa, South East Asia, South America and the Caribbean.

He joined the former Cariboo College in 1989 as Vice-President, Academic to begin the transformation from community college to university. He served a term as interim president from 1997 to 1998, and was named Vice-President, Student Services, in 2005 when UCC became Thompson Rivers University.

Provincially, Dr. Russell has served on the British Columbia Science Council Board of Directors and was Chair of the Interior Science and Innovation Council. Municipally he served on the Venture Kamloops Economic Development Board and the Kamloops Film Commission Board.

During his tenure, he led the development of 11 new degrees, coordinated the implementation of a Career Technology Centre working with area school districts to bring senior secondary school students on campus to take post-secondary training in conjunction with their secondary school classes. He was also key to UCC's successful application to join the Canadian Interuniversity Sports league in 2004.

# Achievements

## Liam Mitchell

—BA 2004

Liam Mitchell, winner of the Arts Medal in 2004, has just completed a Master in Political Science degree at York University. His major research paper was entitled: "A Post-human Methodology for a Non-dual World."

## Jeff McLaughlin

—Philosophy

Dr. Jeff McLaughlin launched his book, *Comics as Philosophy* (Mississippi UP), an inventive anthology he edited using comics to explore the tenets of philosophy, March 9. Due to its unique focus, McLaughlin has been asked to attend a conference in Greece and to participate in a panel discussion of the book in San Diego in July. He also explores the topic in his article, "9-11-01 Truth, Justice and Comic Books" to be published in an upcoming issue of the *International Journal of Comic Book Art*, and has submitted *Conversations With Stan Lee*, another book he's edited, to Mississippi UP for consideration.

## Onkar Rajora

—Physics

Dr. Onkar Rajora had his paper, "Thermally activated diffusion of indium into layered materials 2H-TaSe<sub>2</sub> and TaS<sub>2</sub>" published in *Physica Status Solidi (a)-Applications and Materials*, Vol 203, 493 (2006).

## Jim Hu

—English as a Second Language (ESL)

Dr. Jim Hu presented his paper, "The Making of ESL Academic Writing," at the Annual Conference of BC TEAL in Vancouver in March. Dr. Hu was also invited to present a refereed paper "Discovering Emerging Research in a Qualitative Study of Academic Writing" at the Joint Conference of American Association for Applied Linguistics and Canadian Association for Applied Linguistics, in Montreal in June.

## Margarita Lopez

—Spanish

Margarita Lopez worked this winter with Houghton Mifflin Company as a book reviewer and contributor for the preparation of the forthcoming *Hola Amigos* textbook for students of Spanish, to be published next year.

## Ernie Kroeger

—Visual & Performing Arts

Ernie Kroeger exhibited his photographic artwork in a solo exhibition entitled 'Beetle Letters' at the Kamloops Art Gallery from April 8–May 27, 2006.

## Bruce Baugh

—Philosophy

Dr. Bruce Baugh presented his paper, "Let's get lost: from the death of the author to the disappearance of the reader," at an international conference on Deleuze and Literature in March at Warwick University, England. His essay is also being published in *Symposium: Canadian Journal of Continental Philosophy*. His article, "Real essences without essentialism," has been accepted for publication in *Deleuze Philosophy*. His articles, "The Body," "Death," "Experimentation," "Genealogy," "Theory," "Transcendental Empiricism and Politics," were published as entries in the *Deleuze Dictionary*.

## Crystal Huscroft

—Geography

Dr. Crystal Huscroft has recently published an article, "Investigation of high-level glaciofluvial terraces and re-evaluation of the established soil stratigraphy for Early and Middle Pleistocene surfaces, central Yukon, Canada." (with Ward, B.C., Jackson, L.E. Jr., & Tarnocai, C.E.) in the Danish journal *Boreas* 35(1): 96-106.

## Rick Brewster

—Mathematics

Dr. Rick Brewster has had his paper, "Building blocks for the variety of absolute retracts," (with G. MacGillivray) accepted for publication in the journal, *Discrete Mathematics*.

## Jonathan Van Hamme

—Biology

Dr. Van Hamme spoke on petroleum microbiology at the First Annual Symposium of Brazilian Petroleum Biotechnology, at the Universidade do Rio Grande do Norte in Natal, Brazil. He has also published a book chapter, "Bioavailability and biodegradation of organic pollutants – a microbial perspective," in *Bioremediation, phytoremediation and natural attenuation*, and two papers, "The use of a novel fluorinated organosulfur-compound to isolate bacteria capable of desulfurizing subterminal alkyl sulfides via specific carbon-sulfur bond cleavage," (with P.M. Fedorak, J.M. Foght, M.R. Gray, and H.D. Dettman) in *Appl. Environ. Microbiol.* 70:1487-1493, and "Recent advances in petroleum microbiology," (with A. Singh and O.P. Ward) in the premier review journal for the field: *Microbiology and Molecular Biology Reviews* 67:503-549.

In addition Van Hamme has co-authored two articles in a series; Ajay Singh, Jonathan D. Van Hamme and Owen P. Ward (2006) "Petroleum Microbiology Part 2: Recovery, biorefining and biodegradation processes," *Chimica Oggi/Chemistry Today*, 24(2):65-67.

Jonathan D. Van Hamme, Ajay Singh and Owen P. Ward (2006) "Petroleum Microbiology. Part 1: Underlying biochemistry and physiology," *Chimica Oggi/Chemistry Today*, 24(1):52-56.

## George Johnson

—English and Modern Languages

Dr. George Johnson has just had his book, *Dynamic Psychology in Modernist British Fiction* published by Palgrave Macmillan.

## Wayne Hollingshead

—Animal Health Technology

Dr. Wayne Hollingshead, program instructor, was recently appointed to the national board of the Canadian Veterinary Association, by the British Columbia Veterinary Association as the provincial representative to CVMA for BC. He was also selected as part of a tribunal for the accreditation process of a private institution in Vancouver in April of this year, and was recently selected as an exam writer for the Veterinary Technology Testing Committee (VTTC) which administers the national exam for all Veterinary Technologists wishing to be licensed to practice in North America. He also continues to serve with VTTC as a board member selecting the exam questions twice per year for the exam.

## Nick Cradock-Henry

—Geography

Nick Cradock-Henry, lab faculty, has been awarded a Canada Graduate Scholarship – Doctoral Award from the Social Sciences and Humanities Research Council. This is in addition to a New Zealand International Doctoral Research Scholarship, awarded earlier in the year. This award, worth \$35,000 a year for 3 years, will help fund Nick's research on adaptations to climate change when he begins his PhD at the University of Canterbury, in Christchurch, New Zealand.

## Robb Fry

—Mathematics

Associate Professor Robb Fry has just published his paper, "Approximation by  $C^p$ -smooth, Lipschitz functions on Banach spaces" in the *Journal of Mathematical Analysis and Applications* (315 (2006), no. 2, 599-605).



## Robert Kipp

—BBA Economics 2003

Former TRU exchange student to Nagasaki Wesleyan University in Japan, Bob Kipp, has been awarded the Japan Monbugakusho Scholarship (Japanese Ministry of Education) for his master's studies at the Ritsumeikan Asian Pacific University in southern Japan. Only 15 Canadian students annually are awarded the scholarship which is valued at more than \$24,000 per student.

## Naowarat Cheeptham

—Biology

Assistant Professor Naowarat Cheeptham won the American Society for Microbiology (ASM) Early Career Faculty Travel Award to present a poster presentation on "Tempeh production as an introductory session to food microbiology in an Introductory Microbiology Laboratory at TRU" at the Annual ASM Conference for Undergraduate Educators at the University of Central Florida in Orlando. Her work was also chosen to be presented for the discussion group in the ASM CUE Blue Ribbon Curriculum Activity section.

Cheeptham has been recognized by the American Society for Microbiology (ASM) for her outstanding service as a Charter Online Mentor of the ASM minority Mentoring Program 2006.

## Ivan Gyoza Somlai

—TRU World

Ivan Gyoza Somlai, Associate Director TRU World has been named the Canadian editor for the newly created *International Journal of Social Forestry*, launched by the Centre for Social Forestry, based in Borneo. To publish an article in *IJSF*, send it to [csf@csf.or.id](mailto:csf@csf.or.id) with a cc to [csf@samarinda.org](mailto:csf@samarinda.org).

## Karl Larsen

—Natural Resource Sciences

At the International Arboreal Squirrel Symposium in March at the Periyar Tiger Reserve, India, Dr. Larsen presented one paper on his red squirrel work, and co-authored a second paper on flying squirrels with his PhD student, Matt Wheatley (of UVic). Dr. Larsen and colleagues from the United States led a workshop on 'indirect methods of surveying terrestrial animals'. His bid to host the 5th International Symposium was successful, so the 'squirrel world' will be coming to TRU in 2009.

Dr. Larsen has also been awarded an NSERC of Canada Discovery grant for "Natal dispersal in red squirrels: patterns and mechanisms".

## Kingsley Donkor

—Chemistry

Dr. Kingsley Donkor and Stuart Chambers (B.Sc. Chemistry UCC 2004) have had their paper titled "Selective determination of trace magnesium by flame atomic absorption spectrometry after malonate complexation and Sorption on Dowex 50WX8 resin," published in the *Canadian Journal of Analytical Sciences and Spectroscopy* (Volume 51, No. 2, 2006).

## Dr. Nelaine Mora Diez

—Chemistry

Dr. Nelaine Mora-Diez presented seminars at the University of Victoria and the University of Alberta entitled, "Computational Determination of Equilibrium Constants: Aqueous pKa Values of Protonated Benzimidazoles," in March and April.

Two recently co-authored articles by Dr. Mora-Diez are: (with M.L. Senent and B. García) "Ab initio study of solvent effects on the acetohydroxamic acid deprotonation processes", in *Chemical Physics*, and (with T. Brown, a TRU student) "Computational Determination of Aqueous pKa Values of Protonated Benzimidazoles (Part 1)," in the *Journal of Physical Chemistry B*.

## Matt Silver

—B.Jour 2004

After completing his term as Editor-in-Chief at *oMega*, TRU's independent student newspaper, Matt Silver was out of work for 33 minutes before he was hired as a Public Affairs Officer with the Ministry of Health, Public Affairs Bureau for the provincial government.

## David Bateman

—English and Modern Languages

Dr. David Bateman's book *Invisible Foreground* has been short-listed for the Stephan G. Stephansson Poetry Award (Writers' Guild of Alberta). The title has also been long-listed for the ReLit Award (Poetry), which is given annually to books published by independent presses. Bateman is a TRU writer in residence.

## Lauchlan Fraser

—Natural Resource Sciences

Dr. Fraser has been awarded an NSERC of Canada Discovery grant to study "Effects of stress and distribution on temperate grasslands; linking plant traits and ecosystem function".

## Cynthia Ross

—Biological Sciences

Dr. Ross has been awarded an NSERC of Canada Discovery grant for her research relating to dwarf mistletoe. Her project is titled "Viscin tissue of the dwarf mistletoe *Arceuthobium americanum* (Viscaceae): origin, development chemistry and potential role of aquaporins in explosive seed discharge".

## Stefania Maggi

—Education

Dr. Maggi has co-authored the article, "The impact of fathers' physical and psychosocial work conditions on attempted and completed suicide among their children" along with Aleck Ostry, James Tansey, James Dunn, Ruth Hershler, Lisa Chen, Louie Amber and Clyde Hertzman in peer reviewed, online journal, *BMC Public Health*, March 27, 2006.

## Shannon Joly

—Human Resources

Shannon Joly has been honoured by the BC Human Resources Management Association with the Annual Rising Star Award. The award recognizes a rising star in the HR profession – someone who is within the first five years of their career, contributes significantly to the profession through volunteer work, professional development, education and who shows great promise as a future leader.



# research > matters

THOMPSON RIVERS UNIVERSITY



## Up front

**Dr. Thomas E. Dickinson**  
Research and Graduate Studies

In this instalment of Research Matters we continue to celebrate the recent achievements of our faculty and students and to draw your attention to the impressive range of research studies that are being carried out at our institution. Whether it is formulating a new perspective on government taxation policy, developing appropriate tools to adequately measure the quality of life, or uncovering how to improve our life and environment through new technologies, TRU researchers are there. Not only are our faculty and student researchers there, but they are truly leading the way! Their abilities and the value of the creative work they are doing continues to attract major funding from granting agencies.

As you read the stories in this issue you will encounter time and time again examples of how opportunities to work with faculty on research projects have enriched the educational experiences of students. Even where their involvement has not been explicitly mentioned, I guarantee you that student research assistants have been extensively involved in the projects highlighted here. It is extremely important to recognize the willingness of faculty members to engage and supervise students in research studies and to thank them for their commitment to the students. In turn, our students are distinguishing themselves in competitions with their peers and earning prestigious awards.

Another theme that comes across well in this current selection of stories is the relevance of the work that our researchers are doing. The research expertise that our institution can provide to businesses and governments has become an important tool to improve decision-making. As President Barnsley points out, TRU has become an incredibly important knowledge resource for our community and I can only see this growing.

In closing, let me express my thanks again to the journalism students whose names you will see in the by-lines.

RESEARCH MATTERS

## Kamloops: Quality capital of Canada?



Will Garrett-Petts addresses the media under the watchful eyes of TRU President Roger Barnsley and Mayor Terry Lake

Kamloops and Thompson Rivers University are at the centre of a \$3.3 million project which will see a new way to measure quality of life in small cities.

“Kamloops will be leading instead of following other cities,” said Mayor Terry Lake at the announcement of the project, funded by a \$1 million grant over five years under the Community-University Research Alliance (CURA) program of the Social Sciences and Humanities Research Council (SSHRC) and additional \$2.3 million in cash and in-kind contributions from project partners.

The Quality of Life Index (QLI) will have local, regional and national interest and impact.

Quality of life measurements for larger centres (ie: the number of art galleries and museums measured on a per capita basis) don’t adequately reflect quality of life in small cities so TRU and its partners, chief among them the 1,000-member strong Federation of Canadian Municipalities, will focus on creating a template for the measurement of quality of life in small cities.



“The Federation of Canadian Municipalities recognized there is a difference in the quality of life in small cities, with some of the 100 indicators used by large centres transferable to smaller cities, but not all,” explained Ron McColl, City of Kamloops Manager of Corporate Programs and Projects.

“Kamloops and other smaller cities were looking to the FCM for a timeline when quality of life indicators would be developed; we, the City of Kamloops, looked to the university,” he added.

Developing a comprehensive, small-city specific index is a big job, but chief investigator Dr. Will Garrett-Petts of TRU, along with 37 co-investigators, 21 collaborators and 36 partner groups, are ready and enthusiastic, and the university is solidly behind the project.

“Indicators sensitive to municipal scale are not only crucial measures of each community’s cultural health. When developed and implemented in consultation with key stakeholders, they become vehicles for social cohesion and change,” he explained.

“The findings related to this research project are expected to have local, regional and national interest and impact for changing policy and practice around small city life,” said Barnsley.

McColl explained how: “QLI will establish benchmarks so council and administration can understand what we are doing well and

what needs to be worked on, this research will help us track the quality of life in Kamloops,” he said.

It’s a clear case of the intersection between research and real life, lending a relevancy all can appreciate, explained TRU President Roger Barnsley.

“Thompson Rivers is very pleased to be doing ground-breaking work in the areas of small cities and quality of life,” he said.

“We have been working hard at TRU to foster a vibrant, relevant research culture, and to forge mutually beneficial networks in our community and far beyond our boundaries.

SSHRC launched the CURA program in 1999 to support the creation of community-university alliances based on an equal partnership between organizations from the community and the university, which, through a process of ongoing collaboration and mutual learning, will foster innovative research, training and the creation of new knowledge in areas of importance for the social, cultural or economic development of Canadian communities.

The CURA adjudication committee had stated in its reasons for granting the research award that “while this CURA focuses on small cities and communities in one (fairly broad) area of Western Canada, it has implications for similar-sized communities across Canada.”

## Stories weave the fabric of the city’s identity

By Tria Donaldson

The view from Will Garrett-Petts’ office is spectacular: just mountains, city, river and sky. From the third story of Thompson Rivers University’s Arts and Education building, Kamloops looks both small and vast.

“A city like Kamloops actually has many stories,” said Garrett-Petts. “To understand small cities, we need to get beyond the Chamber of Commerce clichés and commonplace assumptions regarding small city culture.”

Co-directing the Cultural Future of Small Cities project, Garrett-Petts spent the years from 2001 to 2006 studying the culture of Kamloops, hoping to learn more about the cultural landscape of small and mid-sized cities in Canada.

“In B.C. and Alberta, small cities flourish because of a strong economy,” said Garrett-Petts. “In Northern Ontario, on the other hand, some populations are diminishing and there is anxiety over how the communities will cope.”

Until recently, he said, the predicament of small cities was planners and researchers focused mostly on the larger centres—Vancouver, Montreal, Toronto—and the growing centres—Calgary. Little research had been done on the cultural landscape of small cities until 16 professors at TRU and researchers at the Kamloops Art Gallery applied and received a grant from the Community-University Research Alliance program (CURA).

Over the five-years of the research project nearly 1,000 Kamloops citizens were involved, through public workshops, personal interviews—or as co-researchers. One of the unique aspects of CURA projects is the partnering of academics with researchers from the community.

In the case of the Small Cities CURA, the Kamloops Art Gallery was the lead partner, with TRU faculty directing a research team comprised of artists, academics and community partners.

University researchers grew to appreciate how “research” is defined differently outside the academy, where the tendency is to focus more on the development of public policies, actions, and achievable outcomes, Garrett-Petts said. “I think we learned a lot from our community partners. It reinforced the importance of community-based or action-based research.”

The broad topic of culture of small cities required extensive interdisciplinary research, including input from sociology, English, geography, theatre studies, early childhood education, and fine arts.

For Garrett-Petts, an English professor, the highlight of the five years of research, was difficult. “In a research program as complex as the CURA, we were exposed to all sorts of interesting things,” he said. “The publication of the Small Cities Book, the culminating exhibition at the Art Gallery, and the two national conferences we hosted gave us the opportunity to reflect on and share our work with the public.”

In the end, he said, it all came back to the stories that weaved the fabric of the city’s identity.

“Culture is shaped by the stories that constitute a community’s identity. Social networks and a sense of place are informed by the stories communities tell about themselves,” said Garrett-Petts. “That’s really the interesting part of a community and that is what we tried to capture.”

# Student poster presentations

By Bart Cummins

TRU is serious when it comes to giving students research opportunities and this year's crop of poster presenters were proof of that.

"The science faculty at TRU is phenomenal," says Sabrina Cornish, a biology major who presented her look at whether knapweed produces a certain chemical in order to fight off competing plants. She won Best Poster. "We have amazing profs that are interested in what their students are doing. This was a major advantage to me while I was doing my research. In addition to my supervisor (Cynthia Ross), I had nine other instructors that were constantly asking about my research and giving me suggestions for future directions. I was very appreciative of the support I received."

Close to 30 students in self-directed and honours studies presented posters at TRU's Student Research Showcase,

March 31, at the Independent Centre. Biology, chemical biology, natural resource science, chemistry, computer science, physics and psychology were the disciplines showcased.

Showcase organizer Mairi Mackay says research posters have become a long tradition at TRU, spanning at least 12 years. TRU also participates in a partnership with University College of the Fraser Valley and UBC-Okanagan.

"It (posters) gives the students a chance to showcase their work to faculty, other students and the public, and prepares them for presenting work at scientific meetings," Mckay says of the opportunity to explain one's work. "In fact many of students have taken their posters on to meetings such as the Canadian Society for Microbiology and the Prairie University Biological Sciences. We are very proud of the real, original research that our students at TRU are able to do as undergraduates

and, we are always excited to see them blossom as scientists and presenters."

Students were judged in two main categories: the poster's visual appeal and the use of figures and tables. All told, students scored in 14 areas and graded on a five-point system with 5 being excellent and 1 being poor. There was space also for judges' comments.

Daniel Graves, a computer science student who presented his research on developing scale-free networks for small wireless systems, found not only were instructors a valuable resource during his time at TRU, but fellow students as well.

"An advantage of attending TRU for research is the small class sizes which provides students with an opportunity to ask questions that sometimes result in stimulating student interest in research topics."

## Research Poster Winners

- Biology Honours: Tanya Hollo and Chad Stewart
- Biology Directed Studies: Sadie Cox and Clover Zahara
- Psychology/NRS Honours: Michelle Onyango
- Physical Sciences and Computing: Mike Prystai and Greg Kaufmann

## Runners up were:

- Biology Honours Chris Maydaniuk and Amanda Farley
  - Biology Directed Studies: Kent Colville and Andrea Grant
  - Psychology/NRS Honours: Nicole Befurt
  - Physical Sciences and Computing: Brent Rudyk and Jessie Key
- Prizes (Chapters bookstore gift certificates) courtesy of NSERC and TRU AVP Research.



## Not so far from Hope

By Bart Cummins

TRU computer science student Daniel Graves has parlayed his passion for 1's and 0's into some extraordinary opportunities and a world of possibilities.

"I am looking at doing graduate studies following graduation in remote sensing, computational intelligence, acoustics or other related fields," says Graves, whose recent accomplishments include this year winning a prestigious Canada Graduate Scholarship (CGS-M) NSERC prize; winning the 2005 Canadian Acoustical Association's Hetu prize; working on satellite-to-earth mapping for synthetic aperture radar (SAR) during a sixth-month internship last year in Salem, Germany, and; co-inventing the acoustical software ClassTalk with UBC professor Murray Hodgson in 2004.

More recently, Graves presented his directed studies research during TRU's Student Research Showcase on March 31 at the Independent Centre. Under the supervision of TRU professor Mahnhoon Lee, Graves looked into improving routing and searching algorithms in order to eliminate some of the problems associated with small wireless networks.

"The research also has impact on overlay networks to improve search algorithms in these networks," says Graves, going on to explain that, "an overlay network is one that is built on top of an existing network and uses the underlying network. For example, peer-to-peer networks are a special type of overlay network. Scale-free overlay networks can be used to increase search times for nodes in the network due to the special properties of scale-free networks. An additional benefit of scale-free networks for wireless and overlay networks are their robustness to random node failure."

As for his interest in computers — that developed at Hope Secondary School as well as at home.

"I did some programming when I was younger using the assembly and C languages for calculator programs. I often programmed in FutureBASIC on the Macintosh computers at high school making graphical programs such as minesweeper. At home I often programmed in QuickBASIC for PC DOS."

When not wrapping his mind around math problems and computer programming, Graves often turns to music as he is an accomplished pianist, drummer, percussionist and self-taught guitar player.

Graves took five years to reach convocation, opting to make good use of his undergrad by working two co-op semesters during that time. One co-op was at UBC and the other in Germany. He hasn't committed to a masters program yet, but says the University of Alberta would be a solid choice. There, Graves would study under the guidance of professor Witold Pedrycz in the department of computer and electrical engineering.



## Psychology student sniffs out research project

By Bart Cummins

Inspiration for research projects can come from the most unlikely of sources. For one future clinical psychologist, it was a soapstone carving that got her wondering about smells and their ability to be context-dependent memory cues.

"During the summer of 2005 I received a soapstone carving of a polar bear while studying for an exam," recalls Nicole Befurt of the gift from her mother, who lives in Pangnirtung on Baffin Island and had stopped in Kamloops on the way to her son's wedding on Salt Spring Island. "Later that day, during the exam, the pungent odour of the soapstone on my hands reminded me of the material I had studied earlier. Research indicates that odour can be a powerful memory cue, but I began to wonder if the type of odour, pungent or pleasant, would make a significant impact on the learning and retrieval process of memory."

Befurt scored an A on that Psychology 314 (Health Psychology) exam, further deepening her interest to bring to light the connections between odours and learning.

"I believe that a pungent odour (Baffin Island soapstone) will work better as a context-dependent memory cue than a pleasant familiar odour (cinnamon) or no odour," Befurt says of her findings. "Additionally, I believe that having the same odour at both learning and retrieval, regardless of whether it was the pungent or the pleasant odour, will work better as a content-dependent memory cue than having a different odour at both learning and retrieval."

She plans to do graduate studies in clinical psychology at either SFU or UBC as she works towards specializing in grief therapy for severe grief reaction. But as she leaves one stage to pursue another, Befurt recognizes her time at TRU as an important piece in the puzzle of her success.

"TRU has given me the opportunity to conduct research under the direction of high-calibre supervisory leadership and in an environment that is receptive to the experimental process."

Befurt plans to take a year off from school to pursue work in the mental health sector as a way to gain further experience before graduate school.

RESEARCH MATTERS





# CEEDS researchers discover a world-first

Drs. Amedeo D'Angiulli, Stefania Maggi and Tony Herdman are among the first researchers in the world to discover that children of different familial socio-economic status show no difference in behaviour when performing an auditory selective attention task, but significant difference in how their brains process information presented in such a task.

Hoping to publish their paper, "Children's brains and socioeconomic status: a selective attention EPR study" in *Nature Neuroscience* or similar journal, D'Angiulli, TRU's Canada Research Chair in Early Intervention/Child Development, said the discovery came out of community-based research being done by the Centre for Early Educational and Development Studies (CEEDS).

Since CEED's establishment in 2004, its primary focus has been to conduct applied research to improve children's health and education by empowering parents and mobilizing community resources, particularly focusing on the relationships between environmental, socio-emotional and cognitive influences on development and schooling, by following children from birth to adolescence.

Three CEEDS' researchers specialize in different areas of life-span development, D'Angiulli, a cognitive developmental psychologist, studies how young children 'compute' information to learn, memorize and perform school-related activities. Maggi, a social epidemiologist, has expertise in the psycho-social determinants of child and adolescent health behaviours. Herdman is a hearing scientist with extensive knowledge in neurophysiology looking at the dynamics of the brain and how different parts of the brain communicate with each other.

It was through their work with the Mobile Unit for Child Health (MUCH), a fully equipped lab trailer that led to the important discovery. Herdman, Maggi and D'Angiulli take to the highways of the Thompson Region, with the MUCH in tow, setting up at community fairs and rodeos. The road trips familiarize the residents of rural areas with some of the services CEEDS offers to children and families.

"We wait for the community to approach us," Maggi said. "If they are interested we start working with the children in the mobile." Initial testing in MUCH can involve assessment of learning disabilities, cognitive, social and emotional development, brain development, a physical exam, pulmonary function and respiratory health and mental health (anxiety, depression and stress). Although the research is formally on children, the unit of analysis inevitably becomes the family.

Assessments are followed by in-depth questionnaires resulting in thick files complete with whole infant and child development histories on each child in the community.

"With the community-based research partnerships its an ecologic approach, not a lab based approach," Maggi said. "We use the same approach in daycares, neighborhoods or in rural communities. We look for the association between place and how children develop."

"We look for patterns—not preconceived schemas about childhood development," D'Angiulli added.

So far CEEDS researchers have been welcomed into the communities of Thompson River area First Nation bands, D'Angiulli said they've started working with the small communities, "because they don't feel exploited for data. It's a new type of research driven by people, not 'publish-or-perish'. We are not just qualitative or quantitative, and not driven by vague fictional criteria on what life quality should look like. Rather, we focus on empirical evidence that can be replicated with rigorous methods that we don't care how it's labeled."

"After the initial introduction phase," Maggi added, "the communities tell us if they want us to continue with the study and then work with each community to put in place interventions, if there is room we set up in community halls or band offices to continue the research."

Once findings are made and the researchers have compiled them into a draft report it's up to the community how to proceed next, if there is an intervention required or further study.

"Our expectancy from past research into depressed economic areas of the Interior indicated there would be more negatives than positives," D'Angiulli said. "What we actually found was exactly the opposite."

"Small communities are very resilient indeed; they have the resources within themselves to respond to crisis and overcome challenges."

## > RESEARCH MATTERS

### Upcoming studies for CEEDS

A SSHRC standard research grant has been awarded for studying turning points in the life of students and how they coincide with changes in their academic achievement and schooling outcomes using cross-linking of administrative school databases. This work will feature the statistical methods developed by Dr. Stefania Maggi to analyze developmental longitudinal trajectories from kindergarten to grade 12.

Canadian Institutes of Health Research (CIHR) has awarded a new research team grant for studying developmental vulnerabilities. CEEDS is one of the team sites for Interior BC and Dr. Amedeo D'Angiulli is a co-principal investigator.

CEEDS has also been recommended for major funding for three UBC/HELP grants, two infrastructure and one operating under the leadership of Dr. Tony Herdman.



< Photo courtesy of Sun Peaks Resort Corporation

# TRU students aid local resort in development

By Matthew Strader



Dr. David Twynam

Thompson Rivers University students worked with Sun Peaks Resort Corporation on comprehensive research projects to aid in the development of their company's planning and maintenance of activities.

In total, 24 students from TMGP 305: Tourism Research Methods, a class within the Bachelor of Tourism Management program, worked with the Sun Peaks marketing team tackling one of five proposed research projects.

"It was surprising how much came out of the students research which was right under our noses," said Corey Wiwchar, Marketing Research Analyst Sun Peaks Resort Corporation. "It became obvious to us after the student's examination that we could spend more time educating our own staff on the resort activities. It was something that may have gone unnoticed had it not been for these projects."

The studies were the brainchild of Dr. David Twynam, Dean of the School of Tourism. For Twynam it was time the tourism program solidified its connections with a major tourist attraction so close to Kamloops, and so well known amongst the community.

"It was definitely our intention to foster a relationship between the resort and the school," said Twynam. "With so many students working there, gaining connections and learning the ins and outs of

Tourism Sun Peaks and Sun Peaks Resort, we have hopefully begun establishing that relationship."

Dr. Twynam met with Corey Wiwchar, Marketing Research Analyst, and Jordan Petrovics, Marketing Assistant of Sun Peaks Resort Corporation, to develop research studies the students would work on. The three of them correlated the research needs of the resort with what Dr. Twynam believed his students capable of. From this came five studies: Terrain Park, The Beginner Experience, Employee Satisfaction, Resort Shopping, and Research Proposal.

The projects would see the students design a proposal for their research and present that to Twynam. Then they were to collect data through surveys and research at the resort, apply it to the idea and make suggestions for improvement to the marketing department at the resort according to their analysis.

"All of the research ideas weren't tackled," said Wiwchar. "However the research the students did complete for us was definitely useful, and will contribute to what I do for the years to come."

Some of the students took the Resort Shopping proposal and turned it into Resort Dining, choosing to look at the restaurants operated by the Sun Peaks Resort Corporation. Others took on the resort activities available, examining all activities from the viewpoint of the guest and the operator.

Perhaps the most praised work the students did was on a proposal labeled Apres Ski. Examining the activities available to the customer after their day of outdoor activities is done, the students were able to come up with some of their best work for the marketing department.

"It was one of the most interesting ideas, and one of the more interesting reads. Definitely something that will be helping us to plan a better experience for the customer. Our events coordinator will be using the Apres activities as the overall experience for each customer. It is the very thing which will aid us in matching and maybe toppling our competition."

The research experience was a beneficial project for both sides, as Sun Peaks Resort Corporation as well as the Tourism Program both gave solid reviews of the experience. "The level of professionalism, enthusiasm and effort the students brought into this was right up there with what would be expected of this type of research," Wiwchar concluded. The hands on work for the students benefited the program, allowing them to branch out into the tourist world and see the operation of a major resort first hand.

"What this project does is show the potential undergraduate students have for doing good applied research within our community," Dr. Twynam concluded.

# Governments should raise, not reduce, fuel taxes, economist says



“The problem is that the first users of a clean technology bear an excessively high share of the costs. Thus, most consumers rationally choose to purchase the cheaper dirty technology,” he explains.

“This scenario can shift, but for that to happen, government may have to get involved,” says Tsigaris. North Americans may not like government dictating to the free market, but in cases where human or environmental health is severely compromised, the public has tolerated it in the past, as when governments have banned lead in paints and gasoline, CFCs and DDT, among other products.

Tsigaris admits a ban on gas power isn't very likely, at least not in the near future. But there are other measures government could take to combat gas-guzzler lock-in, he says, but all the solutions are going to cost us.

Unlikely to be very unpopular, an effective way for government to drive consumer choice would be a significant rise in petroleum fuel taxes and at the same time, government should put increased fuel-tax revenues toward subsidizing cleaner alternative technologies.

“Internal combustion is supported by a complete network of services for convenient refuelling, maintenance and repair. Similarly, a strong network of alternative fuelling, maintenance and repair stations is needed to build consumer confidence and incite industry to start major production of alternative vehicles,” he explains.

“Countries like China and India are well-poised to go for new technologies,” says Tsigaris. In these markets the combustion-engine-powered technology, although in a growth phase, has a much smaller installed base to make consumers locked-in to this particular technology. “However, time could be running out there, too.”

“We're panicking now because we didn't take initiatives in the '70s,” he says. “The earlier you set taxes on combustion technologies, the lower taxes could be, since the earlier the revenue is generated, the more revenue is available by a certain point in time to subsidize the new technology. Once the new technology has an installed base, the subsidy can be removed.”

“We could have raised fuel taxes back in the '70s, and put that revenue into developing alternatives. Now we have to catch up, and that's going to cost us.”

Consumers who think the cost of gas is high now haven't seen anything yet, says Dr. Peter Tsigaris of Thompson Rivers University.

The public-finance economist argues supply-side economics are only a part of an overall equation that could, and should, see gas prices rise even further.

“Sooner, rather than later, society is going to have to factor in the cost of carbon dioxide (CO2) damage to our environment, particularly in the form of global warming. While we can't really set a price on endangered species and threatened ecosystems, we are going to have to pay to mitigate effects like storm damage, rising sea levels and the like.”

“Governments need to make adopting alternative technologies worth it to both the consumer and the producer. One way is by raising, not reducing, fuel taxes.”

He says an “historical accident” put society on the internal-combustion super-highway. In the early 1900s, internal combustion, steam and electric technologies used to power automobiles were competing just about equal in the North American market. In fact, electric and steam vehicles were ahead of internal combustion technology at one point in time.

“Imagine what our world would be like if electric cars had won,” dreams Tsigaris. “Imagine what one hundred years of fine-tuning and innovation on electric cars would have produced by now.”

The internal combustion engine needs to be replaced, says Tsigaris, but there's no big push to get production out of internal-combustion vehicles and into alternative cleaner automobiles.

The reason is ‘lock-in,’ a term used when an outmoded or even harmful technology continues to be used simply because it is very costly for the market to break the pattern.



RCMP Insp. Yves Lacasse (left) and Supt. Jim Begley, Officer in Charge of the Kamloops City Detachment, flank Bachelor of Social Work practicum students Hayleigh Connell (left) and Jennifer Scott.

## Researching what a difference a smile makes

Interested in learning how to change their perception among local youth, the Kamloops detachment of the RCMP looked to TRU's School of Social Work to facilitate research among six focus groups.

The research project was part of Hayleigh Connell and Jen Scott's third year field placement as they work towards their bachelor of social work degrees. Not only did the aspiring social workers gain valuable field research experience, they gained handsomely framed recognition certificates and accolades from the city detachment for their work.

“We were very pleased with the effort the students put into the research,” said Cpl. Fran Bethell of the Kamloops RCMP said of the information that will now be used in the city detachment's strategic plan.

“The research was very much about giving youth an opportunity to tell us what we could do better in terms of perception,” Bethell said. “The results reconfirmed what we had suspected and gave us specific suggestions on how to improve our relationships with young people in the community.”

The RCMP youth focus groups were made up of youth from 13 to 18 years old from a cross section of socio-economic backgrounds from First Nation, North Kamloops and South Kamloops neighborhoods. The purpose of the information was to lower youth as both the victims and perpetrators of crime and to improve RCMP relations with youth.

“Some of the comments the youth had about the RCMP were negative,” Connell said. “But the youth's suggestions for improvement were so simple, things like making eye contact, smiling and saying hello to young people.”

A grad of NorKam in 2003, Connell said the research experience was great, not only did she learn some valuable skills but also she learned more about the RCMP, enough for her to think about the Mounties as a serious career option.

Jen Scott is planning for a career in child protection with the Ministry of social service. This work reinforced her ability to connect with young people. “I was pleased that the youth were so open to us, and how simple the changes are for the RCMP to be better perceived in the community by youth,” she said.

Besides the research project the students assisted with the annual Mountie Stomp. They were recognized for all their efforts at a volunteer appreciation dinner held in April.

Jon Van Hamme is looking to microorganisms for the solution to the world's stockpiles of toxic mustard gas.

## RESEARCH MATTERS

# Environmentally-friendly anti-warfare weapon

A heap of dirt in Paul Lake may lead to the key for disposing stores of toxic mustard gas.

For Jonathan Van Hamme, an assistant professor of microbiology at Thompson Rivers University, the soil is potentially the new arsenal for an environmentally friendly war being waged on one of the chemical weapons used in the First and Second World Wars — mustard gas.

“There is still a lot of mustard gas leftover, dumped in oceans — buried somewhere,” said Van Hamme. “It is toxic and causes cancer.”

Having been recently awarded a Natural Sciences and Engineering Research Council of Canada (NSERC) grant (\$160,000 over five years) for his research to find a microbe, which will break down mustard gas. He explained the key component of the research method as “...bioremediation, which is the process of using microbes or plants to neutralize hazardous waste.”

The first step in Van Hamme's research was synthesizing a compound with roughly the same chemical make up as mustard gas—minus the toxic component. Mustard gas can be distinguished by the sulfur atom joining the halves—a trait shared by the model compound Van Hamme concocted.

Step two was to find a microbe that would feed off the sulfur atom, effectively cutting the mustard gas molecule in half and rendering it harmless.

“You can find microbes anywhere. Take dirt or sludge or whatever will give you the best chances of finding a microbe,” said Van Hamme. Armed with samples of microbes, gleaned from the most obvious place, his backyard, he placed them in an environment that had all the nutrients for growth, except for inorganic sulfur, along with his model compound.

“If a bacterium is going to grow, you need to feed it. In this case we want to have a microbe to feed off the sulfur atom in the centre of the molecule. In order to survive a microbe would have to be able to cut the model compound in half in order to release the sulfur for use in cell structures.”

With the help of student researcher Nick Bilbey, who recently won Best Oral Presentation at the UBC-O Undergraduate Research Day, Van Hamme was able to identify several microbes which were able to metabolize the model compound.

The initial stage of the research is complete, Van Hamme's next step is to isolate the genes that code for the enzymes which allow for cleavage of the model compound and release of the sulfur.

He'll travel to South Africa to meet with experts to learn how to isolate the genes of the specific bacterium he is working with. By doing this, he will be able to produce large quantities of the enzymes involved for more detailed study.

Van Hamme stresses the importance of working with enzymes, because enzymes can be made “more resistant to toxic materials.” He's hoping to produce an enzyme system that will remain active when surrounded by mustard gas.

A strong believer in research as part of the educational process, both inside and outside of the classroom, Van Hamme has engaged three highly motivated and very successful students to work on Honours projects next year related to this project. These student researchers, Mark Crawford, Rikki Martens and Greg Thompson, will benefit from the chance to do potentially ground breaking research and hone their written and oral presentation skills. Also, students will get a chance to use brand new equipment and lab space purchased by Van Hamme through a CFI New Opportunities Grant of \$310,000 for a biocatalyst and bioproduct development facility.

As recently as the fall of 2005, a federal investigation found chemical weapons from the Second World War, including mustard gas and phosgene, were dumped into the ocean about 160 kilometres off the west coast of Vancouver Island in 1947. (Times Colonist Nov. 15, 2005)

In the Baltic Sea, munitions dumps have started to discharge mustard ‘gas’, an oily liquid at room temperature which, when exposed to seawater, forms a thick outer crust over an inner core, allowing it to be brought to the surface where it can injure fishermen. In the case of sea mines, the majority of explosive charges used do not hydrolyze and most become very sensitive and volatile with age. Once saturated with salt-water, they become progressively unstable, therefore increasing risk of release and contamination over time. Rusty-looking encrustations on any item of munitions may, therefore, actually be explosive secretion, and not simple corrosion.

(St. Francis Xavier University Public Policy and Governance Research Centre)



Above: CAAT volunteers Kristina Ganson, (AHT 2001) Tara-Lee Rodier (Seneca 2004), Kirsten Wilson (AHT 2001), Donna Lasser (AHT 1996), Jane Czank (AHT 1995) offered information and solicited support at the recent Animal Health Technicians conference hosted at TRU.

< Inset: Donna Lasser tends to a cat in Fiji

## Canadian Animal Assistance Team

When Donna Lasser graduated from TRU's Animal Health Technology program in 1996 she had no idea her two-year credential would take her around the world, rescuing animals from disaster and neglect.

In April, like many grads of the program, Lasser was back on campus for the Animal Health Technicians of BC Spring Conference, but instead of browsing through Friday night's trade show, Lasser was at a table drumming up support and awareness for the Canadian Animal Assistance Team (CAAT).

Just back from Fiji, the founder of western Canada's veterinary version of Doctors Without Borders had been volunteering with veterinarians and animal health technicians in the tropical heat and rough field conditions spaying and neutering the villager's hunting dogs running at large on the island of Kadavu.

"We performed 201 surgeries in 18 villages in the almost two weeks we were there," Lasser said. "We helped to save many dogs from the pain of a strychnine poisoning death. Not just those we sterilized, but the puppies they will never have. What a privilege."

Despite the rough conditions and challenges of shipping medication, the mission was deemed so successful that the Fijian government has invited the group back in 2008.

Field clinics were set up in the open air or community halls and all sites were reached by boat. The trip to Fiji was the second mission for CAAT, a non-profit group inspired in September of 2005.

Learning of Lasser's latest mission didn't surprise Dr. Wayne Hollingshead, chair of the Animal Health Technology. "Donna was the student that would quietly place a bird—injured by a car and brought to the school—into the incubator," he said. "I knew her then to be a woman of care and compassion. I am not surprised she is doing this; it's part of her mantra. I am pleased and proud, but not surprised."

Watching the news, and seeing the plight of the stranded animals in New Orleans in the wake of hurricane Katerina, the animal health technician at Granville Island Animal Hospital thought surely she could do something.

With the support of her colleagues she "started making phone calls to the American Humane Association to see how we could help. A few days later we were interviewed by Global News. From that, money and support from vets and techs across the country came pouring in."

In a two short weeks CAAT was formed and on the ground in New Orleans with seven teams, a total of 82 vets and techs from across the country setting up triage stations and treating thousands of cats and dogs from the devastated Gulf Coast.

The group expects to head into Bella Coola, for another spay and neuter mission this summer and has plans to head to Baffin Island in the Arctic Circle to lend a hand controlling the sled dogs that are far from any regular veterinary care. For more information on CAAT contact [info@caat-canada.org](mailto:info@caat-canada.org).

**BC.NET**  
The Backbone of Research,  
Education and Innovation

## BCNET

By Marcel Tetrault

Thompson Rivers University will soon be fully connected to BCNET, British Columbia's advanced computer network linking the province's universities and research institutions.

"BCNET will enable us to realize our expanding educational vision and research goals," said TRU President Roger Barnsley. "Our link to BCNET will mean superb network connectivity for TRU's on-campus students and will make TRU one of the best-connected campuses in Canada."

The connection will provide a dedicated 100 megabit per second connection to the Internet, a 1000 megabit per second connection to other BCNET institutions as well as a 10000 megabit per second connection to CANARIE, the Canada-wide research network.

"The exciting thing about BCNET is that it's a partnership between TRU and the city of Kamloops where the entire community, including school districts and the hospital, are connected and Kamloops can develop as a true university city," said Brian Mackay from TRU information technology services.

"What is important to TRU as a university is the speed at which we are connected to other institutions, universities, researchers and hospitals."

Besides providing improved access to the Internet, BCNET allows members of the TRU research community to access technology and research applications at other institutions that had previously been unavailable or difficult to access.

"One of the killer apps would be bringing people together through video-conferencing," said Mackay. "The video-conferencing experience is completely different when connected to others at that speed."

The high-speed network allows for higher-quality audio and video without the latency issues that create difficulties for high-bandwidth applications like video-conferencing on slower networks.

"BCNET becomes a platform for supporting research," he said.

"The hope is that this will engage students in innovative educational lecture and laboratory learning experiences, provide the vital skills required in a modern workforce and increase the choices for learning by utilizing technology," said Dr. Sharon Brewer.

Chemistry professors Brewer and Dr. Bruno Cinel are collaborating with others at TRU, UBC and Western Washington University to develop a BC Integrated Laboratory Network allowing for the remote operation of scientific instrumentation for educational purposes. If funding is obtained, the network will connect TRU with UBC Pharmacy, TRU's Williams Lake campus and UNBC on BCNET.

"The applications in Chemistry could involve students in Williams Lake controlling a Flame Atomic Absorption Spectrophotometer at TRU Kamloops by distance to analyze metals in a digested soil sample."

Other research currently being conducted at TRU and expected to see significant benefits from the connection to BCNET include Canada Research Chair Dr. Ashok Mathur's research into how artistic expression can be used to explore multiculturalism and ethnicity in small Canadian communities and TRU's population health research group's study of student performance.

Students that access the Internet from school will also see a difference.

"We now control our own destiny with regards to Internet connectivity," said Mackay. "We anticipate the reliability of access to the Internet will improve for students."

TRU is a board member of BCNET along with the largest universities in the province.

"We sit at the table with SFU, UBC, UVic and UNBC," said Mackay.

Parts of the campus are already connected to the network. The connection to BCNET is expected to roll out across the entire campus by the end of June.

Chemistry professors Dr. Bruno Cinel and Dr. Sharon Brewer are collaborating with other BC universities to develop a BC Integrated Laboratory Network allowing for the remote operation of scientific instrumentation for educational purposes. If funding is obtained, the network will connect TRU with UBC Pharmacy, TRU's Williams Lake campus and UNBC on BCNET.



# Record numbers to study abroad this fall

More than forty Canadian students from Thompson Rivers University have been selected to go on Student Exchange programs this fall, an increase of more than 100 percent over last year.

This group of outgoing TRU exchange students is the largest in the institution's history, and is an indication of the increased awareness of the opportunities and diversity of destinations and study areas now offered by TRU through the Study Abroad program.

The exchange students will be attending universities abroad for one or two semesters in places as diverse as Japan, Australia, Switzerland, Sweden,

the Netherlands, Germany, France, England and Austria.

As only the third Canadian university to become a member of the Washington, DC-based International Student Exchange Program (ISEP), TRU has dramatically increased the number of exchange opportunities available to students at the university, and expects application numbers will continue to increase in upcoming semesters. The opportunity for students across the institution to include an international experience as part of their university education is another important component of international education at TRU.



# TRU students dominate provincial post-secondary skills competitions



Keith Stonehouse

The current shortage of skilled trades workers has placed more demand on trades training programs, but that doesn't mean the standard's been lowered. Just the opposite in fact — and that's good news for employers looking to fill increasing trades and technology vacancies.

Thompson Rivers University trades and technology students won medals in every individual competition they entered at the recent post-secondary Skills Canada competitions held in Abbotsford during April.

TRU, one of six participating public post-secondary institutions plus a number of private training schools, entered eight categories and won 28 per cent of the gold awards.

"We medaled in every contest area that we entered students in," said Cindi Thompson, TRU Skills Canada support liaison. "We just about had to rent a trailer to haul all the medals home," she grinned.

Students brought home a total of six gold and three silver medals.

The three silver medalists were Kamloops students Travis Johnstone for cabinet making, Mike Ryder for plumbing, and Evan Butchart for welding.

Gold medal winners were Aaron Burwell of 100 Mile House in carpentry, Jason Feenstra of Chilliwack in electrical, Jeremy Hole of Kamloops in plumbing, Daniel Daigle of Port Alberni in electronics, Keith Stonehouse, of Barriere in automotive and Maria Skers of 100 Mile House in mechanical CAD.

Gold medal winners advances to the national Skills Canada competition, held in Halifax May 23 to 26. Gold medalists at that contest earn the right to compete with Team Canada at the World Skills Competition to be held in Japan in 2007.

From left to right: Nancy Twynam, Cody Muhle, Mel Brown and Dinushini Malagaspe



# For the greater good

Thanks to the persistence of a keen volunteer, the TRU Student Union (TRUSU) has implemented a process for all groups on campus to access a willing pool of volunteers.

Just wrapping up its first year, the TRUSU volunteer coordinator position was the brainchild of Shalen Curle (fourth year BBA). She responded to a need for a central database of volunteers, primarily for the Student Union but also for other TRU activities.

"The volunteer opportunities on campus are endless," Curle said. "Whether students want to be involved casually with events just for fun or with administration to develop their own career networks, there's lots to do."

Nancy Twynam, Student Affairs, has seen an increase of leadership developing on campus as she acts as liaison for volunteers from peer support, several committees, student governance and the recently formed sorority and fraternity.

"The 11 Peer Support team members have logged 827 hours this year alone," Twynam said. "There has been a solid growth in the number of hours volunteers work and the services they offer."

"Those volunteers commit to being available and making a difference for other students on campus. They have been serious about creating a sense of place, ownership and purpose in their roles as peer support counselors."

Peer support hasn't been the only activity to take up Mel Brown's (fourth year BBA) extracurricular time.

His first year at TRU he chaired the Mature Student Association and since has been involved with student government, orientation, campus tours and various committees.

"I want to make a difference, I want to help people," Brown said. "Volunteering has given me a wide range of experience, and a broad knowledge of the university that makes it seem like home."

Dinushini Malagaspe, (BSc Nursing 2006) is far from her native home. TRU's volunteer of 2002 left Sri Lanka for Thompson Rivers University in August 2001 and has been volunteering steadily since.

Her volunteer efforts started on campus with student government and orientation events for TRU World. Kari Pavlovich, Activity Coordinator TRU World, said, "Dinushini's outgoing personality is contagious."

"I admire her passion and commitment to making a difference on our campus. She has been a great representative for international students. ISAP could always rely on her to come to our events and put her special touch on it."

Malagaspe hasn't limited her volunteer efforts to TRU's campus. She was a founding member of TRU World University Service Canada (WUSC) and helped organize fundraising and support for Omar Mkeyo, TRU's first-ever sponsored refugee, from the Democratic Republic of the Congo.

And, closer to her home, Malagaspe has been volunteering for Developing World Connections

in Tangalle, Sri Lanka. The Kamloops based organization has been building new houses for the victims of December 26, 2004 Tsunami. This summer she'll return to her homeland for a second stint of building the simple shelters, once the fundraising has been done.

The opportunities for volunteering in Canada sparked Malagaspe's interest in areas ranging from healthcare to education, advocacy and fundraising. Her mantra, "when you have the capacity to help somebody, you have the responsibility to help."

For Cody Muhle (BBA 2006), convocation signifies the end of his volunteer term as the CEO of TRU's Advancing Canadian Entrepreneurship (ACE). His four years of undergraduate studies have been a blur of volunteer activities focusing on organizational governance and strategy, including sitting on the board of oMega, Fusion Rotoact and working behind the scenes of Evolution, the joint showcase project between the Arts Community, Oxfam and TRUSU.

For Muhle, his decisions to volunteer at university were based on philanthropy and networking. About to launch his career in human resources, he said volunteering was an important part of his education and career planning, beginning with "what job do I want, what degree do I need and always included volunteerism."

"Volunteerism is how doors get opened to you in the community," Muhle said.

## Neil Russell Award

It's the volunteer efforts of the many TRU students like Brown, Malagaspe and Muhle that sparked the notion for a way to honour Neil Russell, the recently retired VP of Student Affairs. Russell was the catalyst behind the majority of the initiatives that foster student leadership on campus Nancy Twynam said.

Beginning annually in the spring of 2007, the student who wins the Neil Russell Award for Outstanding Student Leadership will have made a significant contribution to TRU, whether through established avenues (Service Learning, Peer Support, student governance or Supplemental Learning, etc.) or through other innovative means.

# Teaching English as a Second Language now offered



Teaching English and living abroad is a right of passage for many students with newly earned bachelors degrees, and with the continuing need for teachers overseas, it's a viable career choice.

For grads wanting to gain some worldly experience in far off lands, TRU has introduced a new post baccalaureate program, Teaching English as a Second Language (TESL).

With nearly 20 years of experience teaching English as a second language to international students it made sense for TRU to take the next step, to teach others how to teach others how to do the same.

"There's a huge demand for English as a Second Language teachers off-shore and in larger communities," said Bruce Thomson, chair of TRU's ESL department. "There have been many inquires from prospective students about a TESL program here."

The five-course certificate program (including practicum) can be completed in one semester as a full-time student, or in a maximum of three semesters as a part-time student.

Class size is limited to 20 students and will be offered by day and evening to suit working, part-time students. Besides its flexible timetable, the program will qualify for student loans.

In 2004, when TESL was offered for one semester through Continuing Education, it was quite successful. Gisela Ruckert, who completed the program then, said, "The practicum experience I gained during the final part of the program was invaluable and gave me the confidence necessary to face my first class of students on my own."

For more information about TESL at TRU contact Bruce Thomson, Chair ESL at 250.828.5294 or [tesl@tru.ca](mailto:tesl@tru.ca).

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## 580 rooms with a view

Construction of TRU's 580 room residence and conference centre is moving along on schedule with floors one through nine expected to be ready for September. Floors 10 and 11 will be complete mid to late October.

According to Gerard Hayes, Director of Ancillary Services, 235 applications have been received for students looking for September accommodation, with another 25 from international students.

Of the applicants, 153 are currently in high school, 45 in first year, 28 in second year and eight in third year.

Eighty-seven prospective tenants report hearing about the new facilities on the Internet, 45 by mail-out, 41 through TRU recruiting, and 61 heard about the residence from other means.

Residence web site is [www.residenceconferencecentre.com/tru](http://www.residenceconferencecentre.com/tru) or link through [www.tru.ca/new\\_students/housing](http://www.tru.ca/new_students/housing)

The office is located in Room 123 of the Campus Activity Centre.



New residence for domestic and international students



Ron Burt and Ken Tessier of Concord Security

## Security personnel honoured

Two Concord Security Corporation employees were officially recognized for their valuable service to TRU. Ken Tessier and Ron Burt have served UCC and TRU since 1990 and 1994 respectively.

"Ken is, arguably, the most recognizable person on campus," said Les Tabata, Director of Facilities Services. "He is helpful to and respected by staff, students and visitors alike."

"Ron's contribution is no less significant. He is responsible for coordinating the video security upgrades on campus," Tabata said. "Recognizing the contributions made by Ken and Ron is our way of showing appreciation for a job well done."

## TRU Ashcroft / Cache Creek regional centre moves

The TRU Ashcroft / Cache Creek Regional Centre has partnered with Sun Country Community Futures Development Corporation and moved to 310 Railway Ave. in downtown Ashcroft.

The new location means TRU students also have access to classroom space within the facility. Thanks go out to Rob Anderson, Jane Bryson, David Burkholder, Grace Simpson, John Sparks and Les Tabata for all their help with this transition.



**Ron Olynyk**  
Chair, Board of Governors  
**Roger Barnsley**  
President and Vice-Chancellor  
**Kathy Mitchell**  
Master Teacher Award Recipient  
**Nancy Greene Raine**  
Chancellor

## Master Teacher Award

### Kathy Mitchell, Student Development

When Kathy Mitchell came to TRU in 1987 to teach University Prep and Foundations for Success courses, she set the tone for a career that has enriched the lives, teaching and learning experiences of countless students and colleagues. One colleague said, “Kathy has assumed many roles in an effort to enhance student success.”

A founder of the Teaching Practices Colloquium and involved in establishing the Centre for Teaching and Learning, Kathy remains active presenting Surviving Classroom Challenges workshops. She was instrumental in the development of Student Success as a credit program, and was a member of the leadership team for First Year Experience. She has coordinated the continuing development of the Foundations for Success program, and was instrumental in establishing TRU’s Access to Training project. She has also served as chair of College Prep, as the University Prep Accreditation team chair, as the Student Development representative on Senate, and on the Academic Policies and Regulations Committee (APRC) and Education Planning and Program Review (EPPR) committees.

Throughout the adult basic education community in BC Kathy is known for chairing the Adult Basic Education provincial steering committee, as a member of the Society for Teaching and Learning in Higher Education, the International Society for the Scholarship of Teaching and Learning, the Teaching Professor’s listserv, and the First Year Experience listserv.

Kathy has remained a learner throughout her career at TRU, earning a master’s degree in administrative leadership from SFU in 1994, and in 2005 earned a certificate in Faculty Teaching and Learning in Higher Education at UBC.

This model of lifelong learning, says, “each student brings his or her unique experience and perspective to class and it is through these filters that he or she will learn. While I have much more to learn about how we learn, I am more aware of the need to address different learning styles/preferences in each of my classes. For me, teaching is not a static activity, and so while I have taught the same courses many times, each class is different and has different learning needs.”

Former students appreciate her methods and philosophy, one said, “Kathy Mitchell is an amazing teacher, who has made me a better student. By being one of Kathy’s students, I have learned how to adapt my learning style to everyday life and to my education.”

Her colleagues also note Kathy’s special classroom touch, saying “I was impressed with Kathy’s ability to provide feedback to the students that was concise, realistic, helpful and relevant. Another trait that I observed that Kathy displayed was the art of asking open ended questions and questions that probed for detail. This is a sophisticated teaching skill.”

A colleague summed up, “Kathy’s classroom practice is thoughtful, engaged and imaginative: she encourages the development of good teaching among her colleagues, both formally and informally; and she has contributed to significant teaching and education initiatives which have been institutional and provincial in scope,” all hallmarks of a Master Teacher.

### Dr. Rishma Vedd

Accounting

Rishma’s dean had this to say about her teaching: “Dr. Vedd is a model educator. She exhibits a quest for mastery of both her discipline and of the discipline of teaching.”

Eighty-two student nominators said it even better, writing such comments as:

“Rishma has her own unique style of teaching. She is always excited to teach, patient with students, encouraging and helpful.”

“Rishma is very professional and provides a teaching style that promotes student learning and encourages them to challenge themselves.”

“Patient in explaining questions until her students really understand. She is an exceptional teacher.”

“Dr. Vedd has the ability to reach each of her students no matter the skill level. She is also available for her students at any time, and is very supportive and positive.”

“She has incredible knowledge of her subject matter and is enthusiastic about it. She provides feedback on assignments and tests and marks fairly.”

“Highly knowledgeable and deeply committed to teaching.”

Students acknowledged Rishma’s abilities and enthusiasm no matter what the course level:

A first-year student said, “This is my first accounting course and I couldn’t have asked for a better instructor. Rishma is absolutely excellent.” While a graduating student stated, “Rishma is an amazing instructor, the best I could hope for a 4th-year advanced course.”

### Kevin O’Neil

Computing Science

His department chair describes Kevin as “a hardworking, dedicated teacher, heavily involved in the development of new courses and the improvement of our undergraduate programs. During his eight years here he completely overhauled a whole area related to the teaching of software engineering and program development.”

Students are the real measure of teaching excellence, however, and Kevin’s students love his attitude, classroom manner, and course content. Their nomination letters had statements like:

“Kevin is the person who convinced me to return to, and stick with school. He has a knack for getting his students involved, and entertains as he educates. I honestly believe he is one of the absolute best instructors I have ever met.”

And “In my opinion, Kevin is the best professor the university has to offer. He is able to relate every component of his classes to the real world.”

Another student paid Kevin perhaps the greatest compliment a teacher can get: “Kevin doesn’t just lecture on a subject, he prepares us for a future in the IT field.”



## Scholarly Merit Awards

### George Johnson

Dr. George Johnson has been an active scholar since arriving TRU in 1991. He is deeply committed to research and writing in his primary area of scholarship—analyzing the interplay between psychological discourses and modernist British fiction, and secondly, biographies of late Victorian and Edwardian British novelists.

Since his first acknowledgment for Scholarly merit in 1999, Dr. Johnson has since published two books, 12 scholarly articles in refereed publications, two reviews, three fiction pieces, and has presented papers at five conferences.

He currently has a number of works in progress, including poetry, a novel, a full-length play, a biography, several book chapters, an essay and a scholarly article.

One of his nominators wrote, “Dr. Johnson’s scholarly accomplishments subsequent to his 1999 award reflect motivation, energy and dedication that has not faltered, but instead suggest sustained growth . . . furthermore, he has not neglected teaching or service to his department, as documented in his recent excellent summative evaluation.”

### Christopher Walmsley

Since arriving at TRU in 1996 Dr. Christopher Walmsley has completed his doctoral dissertation (nominated as best dissertation in 2002 in the Faculty of Social Services at Laval University), served as liaison for the partnered Bachelor of Social Work program at Nicola Valley Institute of Technology, chaired the Bachelor of Social Work program, sat on Canadian Association of Schools of Social Work Board of Accreditation, all while teaching full time.

Since 2001, Dr. Walmsley has published two books, five articles in refereed journals, three book chapters, three book reviews, and numerous reports.

An active member of an international research team, he studies the role of fathers in child welfare, and continues to present papers at national conferences on aboriginal child welfare, his primary area of research interest.

As one nominator put it, “Dr. Walmsley has been an example and role model for all faculty members in the school, as someone who can teach well, provide community and national service, offer administrative leadership, and also maintain an outstanding level of scholarship.”

### Will Garrett-Petts

Dr. Will Garrett-Petts is a highly creative scholar who has produced an outstanding body of work related to his field, and has also provided the means for fellow faculty members, students, and researchers at other institutions to further their research interests.

Developing broad interdisciplinary research networks, Dr. Garrett-Petts has dramatically increased the research profile of Thompson Rivers University, receiving seven SSHRC grants totalling almost two million dollars over the past three years.

He has written one book, co-written another, and edited another nine. He has also written or co-written fourteen book chapters, sixteen scholarly articles and six reports, and has presented at fifty conferences and workshops, created four videos and a radio documentary and has curated five exhibitions. He also co-founded TRU’s interdisciplinary journal, Textual Studies in Canada.

As campus representative to the Social Sciences and Humanities Research Council, Dr. Garrett-Petts continues to advocate for research in smaller institutions, and as an active campus researcher, he continues to find and create ways for students to become involved in research.

### Roger Yu (Not pictured)

Since 2001, Dr. Roger Yu has published 12 journal articles and submitted six other papers for review. He has presented his research at 10 symposia or scientific meetings, been involved in organizing two international conferences, reviewed over 40 national and international research proposals and scientific papers in the past five years.

A recipient of a Natural Sciences and Engineering Research Council (NSERC) Discovery Grant, he is currently engaged in writing a book related to one of his primary areas of research, Graph Theory.

Further, Dr. Yu actively promotes research and scholarship at TRU and has actively engaged undergraduate students in his research projects. He is presently co-supervising two master’s degree and five PhD students.

He also serves on a number of internal and external professional committees. This is his third scholarly merit award. He received one in 1998 and another in 2001.



### 35 years ›

#### Commenced employment in 1971

*Not present – No photo*

Jack Bradshaw  
Jack Chernoff  
John Janke

## Long Term Service Awards

### 25 year employees ›

#### Commenced employment in 1981

Brenda Mathews  
Jack Mathews  
Nancy Levesque  
John Parks  
Larry Prins

*Not pictured:*

Diane Wells  
Colin James  
Ernie Millard  
Ron Opp

### 30 years ›

#### Commenced employment in 1976

Cliff Neufeld  
Shannon West  
Bob Clark

*Not pictured:*

Donna Fleury

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## Distinguished Service Awards

### Support Staff: Eric Kim

In five years Eric Kim has made a strong impact at TRU World. One nominator said, "Eric Kim deserves special recognition for the strong leadership, dedication, innovation in introducing the use of technology to enhance the work and information sharing amongst the international students and the key service providers for international students, transforming a largely paper-based operation into an integrated database system."

"He also took the initiative to solve the ongoing challenge of communicating efficiently with our international students. As an international student advisor, Eric recognized the importance of introducing electronic tools which could enhance his ability to do his job. During the research and development phases, Eric dedicated a considerable amount of personal time. What we also appreciate was that he was willing to expand his vision to include the needs of his colleagues and the areas mandated to support international students."

Not just a technical asset, another colleague said, "We are so very blessed to have Eric on our team. He is always up to entertain and we have enjoyed many staff gatherings at his house with his wonderful family. Eric is a true team player and is always there when you need a hand with something."

A letter signed by six nominators states "Eric is also involved in many extra activities that benefit the department, TRU, and ultimately, the students. He is a model employee who has earned the respect and sincere appreciation and affection of those who know him and have the great pleasure to work with him."

### Support Staff: Bronwen Scott

Bronwen Scott has been involved with this university since she first enrolled as a student in 1974, and graduated with the Arts & Sciences medal in 1992. Even as a student, said one nominator, Bronwen contributed to the university as head of the UCC Model UN delegation and as the organizer of an environmental lecture series.

One of the first UCC graduates hired by UCC, Bronwen continued contributing as a volunteer at the Writing Centre, with Convocation, Foundation events, and the High School Model United Nations conference. She also served as a board member for the Cariboo Student Newspaper Society and with CFBX campus-community radio (as well as show host). She continues to volunteer as a guest lecturer for nursing, journalism and political science classes.

"The strength of Bronwen's service is reflected in the support her nomination has received from many on campus and off, including students, local teachers, and campus visitors," a nominator said.

Another stated, "Few TRU employees are as dedicated to serving our institution as Bronwen Scott. Fewer still have combined such exceptional institutional performance with the longstanding and selfless service to the larger local community that Bronwen has given. She is always eager to do a favour that will be of benefit to the TRU constituency and particularly keen to showcase TRU's exceptional students."

One such student said, "Bronwen did more than publicize success: she helped create it. More than once, Bronwen got wind of a project I was working on and tracked me down to get information. Her excitement and confidence about the success of my projects always dissolved my own doubts."

"In a world where many people just go to work, and then leave it behind to go home, Bronwen Scott is among those rare individuals who passionately embrace both her work and her workplace, who believes in the importance of her work and workplace as integral parts of the community in which she lives, and thus is a dedicated advocate for the institution at all times and in all places," her director stated in his statement of support.

### Administration: Susan Safford

Susan Safford, or as she's more commonly called, Susie Safford, has contributed to TRU since its earlier days as Cariboo College.

One of her nominators said, "Susie has dedicated her career to meeting the needs of our students through her innovative and creative implementation of numerous initiatives."

The list of initiatives is impressive. Susie Safford was one of the co-founders of Cariboo Child Care and was key to the creation of the First Year Experience programs. She was instrumental in the development of the Mile Van distance education program more than 25 years ago, and more recently, was the guiding administrative force behind the creation of the Wellness Centre and the Gathering Place. In addition, she was responsible for ensuring that the College Prep department provided regional Adult Basic Education programs to various bands in the Cariboo region. She was also involved in the development of such programs as First Steps for young moms, COPE, MECA, Student Success, English as a Second Language programming and TRU's orientation program. She also made operational TRU's first international accreditation agreement with St. John's in Bangkok, Thailand and volunteered for many years as a member of the Cultural Events Committee.

A nominator of Susie's noted "It has been a privilege to be mentored by Susie over the years. Her wisdom, generous spirit, open-door policy, integrity, professionalism, sense of humour and engaging laugh make all who have worked with and for her respect and admire the qualities she brings to her work."

Summing up the up the reason for the recognition, a nominator said, "Susie's greatest contribution to TRU is the extent she has enriched campus life directly and indirectly. Susie exemplifies what is good about TRU . . . going beyond what might be a usual measure of professional service. She takes the notion of outstanding contribution to a new level."

### Faculty: Martin Whittles

Martin Whittles, described as "a cheerful and tireless faculty member whose professional career at TRU has always focused on the best interests of students, all disciplines within the department and for the Faculty of Arts," has been heavily involved in a number of initiatives that enrich campus life; including Service Learning, Education Council, the Arts program and Canadian Studies program committees, and his commitment to aboriginal initiatives, including the recent successful art show, Imaginative.

A student wrote, "he has helped me with every major document, cover letter, resume or abstract I've written for conferences, applying for jobs or various other important events. He began teaching and mentoring me from the first day I entered his class and has been a constant in my academic career ever since. Even with his busy schedule of being involved in numerous committees and councils it amazes me that he can somehow find ten minutes or one hour to sit down and talk with me."

"Dr. Whittles has displayed innovation in the development and implementation of university initiatives including academic research projects, commitments to university planning committees, and services delivered to students. Dr. Whittles commits personal volunteer hours to the TRU Writing Centre and assists students with editing, academic counselling, and future planning, guidance, mentorship, and with personal problems," another student said.

Dr. Whittles is also highly commended by his dean, who said, "he is without doubt an innovative thinker who has been enriching the life of the students, faculty and staff of our university for many years. He has demonstrated outstanding commitment to aboriginal education, Canadian Studies, and service learning, and has been a tireless advocate of collegial academic governance. I consider his contributions to TRU to be exceptional."

# 2006 Athletic Awards

At Thompson Rivers University Athletic Department's 35th annual Athletic Awards Banquet, the following student-athletes were honoured for their accomplishments:

## TRU Athletes of the Year

Dan Cecchini and Shannon Enns

## TRU Scholar Athletes of the Year

Kali Ellis, Laura Plouffe and Brian Smith

## TRU Sports Task Force Athletes of the Year

Travis Duncan and Kristi Spelay

## BCCAA Awards

Shannon Enns > 1st TEAM ALL CONFERENCE and BCCAA Athlete of the Week  
 Katie Clark > 1st TEAM ALL CONFERENCE SOCCER  
 Shantelle Cooper > 2nd TEAM ALL CONFERENCE SOCCER  
 Kim Dodgson > 2nd TEAM ALL CONFERENCE SOCCER  
 Dan Cecchini > 1st TEAM ALL CONFERENCE SOCCER  
 Allan Connor > 2nd TEAM ALL CONFERENCE SOCCER  
 Brad Clark > BCCAA Athlete of the Week  
 Brad Pape > BCCAA Badminton Coach of the Year

## Team Awards > Women's Volleyball

Leadership Award > Kristin Peters  
 Most Improved > Amanda Spreeuw  
 Performance Award > Laura Plouffe  
 Performance Award > Robyn Devlin

## Team Awards > Men's Volleyball

Player of the Year > Tim Flannigan  
 Rookie of the Year > Behlul Yavasgel  
 Most Improved > Brent Hall  
 Most Valuable Player > Darcy Barisoff

## Team Awards > Women's Basketball

Recognition Award > Tami MacKinnon  
 Recognition Award > Rebekka Miltimore  
 Recognition Award > Kali Ellis  
 Recognition Award > Sarah Darley

## Team Awards > Men's Basketball

Unsung Hero > Joey Farebrother  
 Best Defender > Rob Bergen  
 6th Man > Greg Stewart  
 Most Valuable Player > Sean Garvey

## Team Awards > Badminton

MVP Male > Andy Chu  
 MVP Female > Amanda Wright  
 Most Improved > Robin Barlow  
 Heart Award > Bob Stanley

## Team Awards > Women's Soccer

Outstanding Performance > Kim Hogg  
 Outstanding Performance > Shantelle Cooper  
 Outstanding Performance > Danielle Wallis  
 Outstanding Performance > Shannon Enns  
 Outstanding Performance > Kelsi Butner

## Team Awards > Men's Soccer

Freshman of the Year > Allan Connor  
 Outstanding Performance > Brad Clark  
 Outstanding Performance > Dan Cecchini  
 Outstanding Performance > James Byra

Name of Award	Award	Recipient
AA Basketball Provincials Committee Award	\$1,000	Braeden Jones
	\$500	Brian Smith
	\$500	Caitlin Kettlewell
Accent Inn Award	\$500	Sandra-Joy Unaegbu
Becker Daley Award	\$500	Jessica Baskerville
Blazers Education Society Award	\$500	Robin Barlow
	\$500	Amanda Wright
Fresh is Best Salsa	\$500	Matthew Lloyd
Gary Thatcher Memorial Award	\$500	Brian Smith
	\$500	Laura Plouffe
Hub International Barton Insurance Brokers Award	\$500	BJ Peters
	\$500	Chad Coldwell
Interior Savings Credit Union Award	\$500	Kristin Peters
	\$500	Rachel Kosolofski
Jack Hik Memorial Award	\$500	Kristi Spelay
	\$500	Sarah Darley
Kamloops Youth Soccer Award	\$500	Hardeesh Basran
	\$500	Katie Clark
Ken J Finnie Inc. Award	\$500	Jessica Moon
Kim Dalin Memorial Scholarship	\$1,000	Andy Chu
KPMG Chartered Accountants Award	\$500	Shantelle Cooper
Lafarge Canada	\$500	Kim Hogg
	\$500	Shannon Enns
Mair Jensen Blair	\$500	Heather Dunn
McInulty Family Scholarship	\$500	Shannon Kelly
Mike Bartram/La Farge Scholarship	\$500	Kelsi Butner
	\$500	MaryAnn McKee
Mike Bartram Friendship Award	\$500	Dave Martin
Mike Bartram/Blazers Scholarship	\$750	Brad Clark
	\$250	Brent Hall
Mike Comte Memorial Bursary	\$500	Taiya Moffat
Pat O'Brien Bursary	\$500	Travis Duncan
	\$500	Kristi Spelay
Pollard Banknote Award	\$1,000	Jeff Friesen
Sage Sport Institute Award	\$500	Brent Hall
Shirley T Harker Memorial Fund Award	\$1,000	Kali Ellis
Tenisci Piva Award	\$1,000	Tim Flannigan
Thompson Valley Charters	\$500	Rob Bergen
TRU Athletics Award	\$500	Greg Stewart
TRU Student Union Award	\$500	Ashley Leighton
Upper College Heights	\$750	Sarah Cameron
	\$750	Robyn Devlin
Weyerhaeuser Canada Award	\$500	Travis Duncan
	\$500	Theresa Marples
	\$500	Laura Plouffe
	\$500	Darryl Hemmett

The same day, the TRU Sports Task Force handed out \$28,450 worth in athletic scholarships. The TRU Sports Task Force is a group of about 10 community members, many of them Cariboo College and UCC alumni, who's mandate it is to raise funds for the granting of scholarships to student athletes at TRU. Including the \$28,450 awarded this evening, the Sports Task Force now annually donates up to \$100,000 per year in scholarships.



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# Summer fun at TRU

Summer on the Thompson Rivers University campus: shade, lawns, the brilliance of flowers, and the sound of laughter; it certainly isn't all about classes in the summer.

High school students and graduates wanting to get acquainted with the campus before classes start in the fall may take a **Campus Tour** any weekday. No registration required: starting July 2, just show up at the second floor entrance of the TRU Clocktower building at 11am Monday to Friday. Groups or interested individuals can also book tours at other times by calling Angela at 828.5013.

**TRU Friends of the Gardens** offer tours of the BC Interior's largest botanical collection, located on TRU's Kamloops campus, Wednesdays at 6pm from mid-May through to the end of August, starting at House 10, across from the Campus Activity Centre.

For more information, call the FOG line at 377.6057 and leave a message, or call Kevin Scollon at 828.5181.

Youngsters make use of TRU's beautiful campus in the summer as well.

**EUREKA!** is a non-profit, student-run organization striving to excite elementary students about science and engineering. EUREKA! summer camps emphasize fun, challenging, hands-on problem solving activities for children ages 7-14.

To find out more about EUREKA! Science camps, call 371.5534 or email: [eureka@tru.ca](mailto:eureka@tru.ca) or check the web at [www.cariboo.bc.ca/schs/eureka/index.php](http://www.cariboo.bc.ca/schs/eureka/index.php)

Young athletes get a chance to hone their skills at **WolfPack Summer Camps**. The WolfPack is offering many new programs this summer, among them chaperoned Resident Camps, a "signature series" camp giving high school athletes interested in basketball, volleyball, soccer, baseball, tennis and football the chance to immerse themselves in a total sport experience.

Elite Camps offer the same high calibre training for high school athletes as the Resident Camps, but as day camps. Specialty Camps in Beach Soccer, Beach Volleyball, Street Ball, and Ball Hockey are also new this year. Age groups vary according to sport and intensity. Development Camps are perfect for players aged 7-12 who want to tune their skills in a variety of sports. They are offered all summer in their respective programs.

Children aged 5 to 13 may also engage in a variety of camps and activities that span an entire day in the All Day Menu. If a child wishes to participate in one sport then they can do that, and if they want to try a few sports they also can do that. Mix up the camps: the options are endless!

Anyone interested in finding out more about the camps or wishing to register, may check out the website at [www.tru.ca/sportcamp](http://www.tru.ca/sportcamp) or email [sportcamp@tru.ca](mailto:sportcamp@tru.ca). Camp coordinator Aaron LeBlanc is also available to answer questions by phone at 377.6116.

Whatever the age, and whatever the interest, there's something to suit you at TRU this summer.