





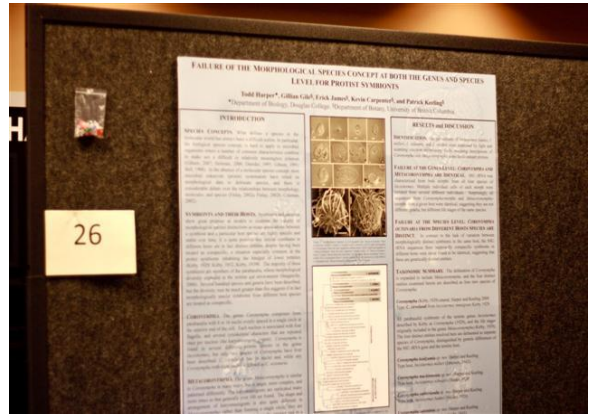


<p><b><u>Exhibits</u></b></p>	
<p><b>Animal Health Technology – Sci &amp; Tech</b>  <i>Students’ projects involving the essential role that Animal Health Technologists (AHTs/Vet Techs) play within the field of veterinary medicine will be highlighted in this display staffed by veterinarians &amp; AHTs who have developed the curriculum.</i></p>	
<p><b>Lawrence Becker - CFCS</b>  <i>The Experience of Poverty in Canada and Africa - Absolute measures of poverty differ dramatically between Canada and Africa where even the most destitute here live comparatively well to even the moderately poor in Africa. Along other dimensions however, such as family support, friendships, community ties, etc....the situation becomes less clear and in fact the poor in Africa may receive more emotional validation and a stronger sense or connection with others than their Canadian counterparts."</i></p>	
<p><b>Carole Compton-Smith – CAFD</b>  <i>Library – Amelia Douglas Gallery Online, Employee Publications Online, Library Tutorials Online – Using the Library Solo Banners, a laptop and tri-fold poster demonstration the Library illustrates projects undertaken by Library Faculty to enhance the learning experience for students.</i></p>	
<p><b>Bob Cowin - Institutional Research &amp; Planning</b>  <i>A professional development project in 2007 evolved into a brief history of BC postsecondary education. The report was well received and, following a presentation to the BC Council of Postsecondary Library Directors, led in 2009 to a second report on the history of BC's faith-based postsecondary institutions (everything from Notre Dame and Trinity Western universities to Bible colleges.)</i></p>	
<p><b>Desarae Craig (Geology Student) – Sci &amp; Tech</b>  <i>The Origins of Honeycomb Weathering on Pacific Coastal Shorelines</i></p>	

<p><b>David Duke - LLPA</b></p> <p><i>Recent Research Developments Relating to the Music of Canadian Composer Jean Coulthard (1908 -2000) – Displaying archival photos and musical excerpts on lap top and displaying an editing project relating to Coulthard’s Piano Preludes, published this winter.</i></p>	
<p><b>Hotel &amp; Restaurant Management – C &amp; BA</b></p> <p><b>HORM Bar</b> - Anton Kosztyo, Food and Beverage instructor, will demonstrate some mixology tips at his portable bar.</p> <p><b>HOTS (Hotel Management Simulation Program) – Mark Elliott (in Room A2130)</b> A computerized management simulation of a 250 room hotel where rate, advertising, staffing, training, menu, finance and capital decisions are made to generate operating results.</p>	
<p><b>Lucia Fuentes, Len Millis, Lynette Sigola - Sci &amp; Tech</b></p> <p><i>This study investigates a component of the immune response to fungi using the model agent zymosan, an extract of the cell wall of Saccharomyces cerevisiae. We have examined the cellular mechanism by which macrophages (immune cells) recognize and ingest zymosan particles, a process referred to as phagocytosis. We also report on modulation of macrophage phagocytosis of zymosan by prior exposure of cells to lipopolysaccharide, a bacterial membrane component. Our results suggest that macrophages recognize zymosan through the carbohydrate receptor, dectin - 1. We also show that bacterial LPS exposure of macrophages enhances zymosan phagocytosis while activating an alternate mechanism of zymosan recognition.</i></p>	

**Todd Harper – Sci & Tech**

*Single-celled PCR and environmental PCR were used to investigate the diversity of two genera of protist symbionts – Coronympha and Metacoronympha – inhabiting the hindgut of lower termites. Findings are the morphology-based genus and species level concepts are wrong. Coronympha and metacoronympha are not distinct genera, they are the same entity despite their great structural differences. Conversely, the molecular divergence of the four conspecifics we examined is greater than that of the four distinct host termite species, suggesting the species level distinction is actually too conservative. In light of this, we not only suggest taxonomic revisions to this group, but also propose that the diversity of symbionts and parasites is much greater than is widely appreciated at present.*



**Denise Hawthorne – H Sci**

*Presentation of proposed Childbirth related Posttraumatic Stress Study*



**Cheryl Jeffs – CFCS Scholarly Activity**

*A Cup Half Full: Senior Administrators' Perspective on Scholarly Activity in BC's Public Colleges - Key findings from a research study on scholarly activity in BC's public colleges are presented. Cheryl Jeffs, Faculty of Child, Family and Community Studies, conducted this research in partial fulfillment of the requirements for the degree of Doctor of Education, SFU. The purpose of this qualitative study was to explore the emergence, history and current role of scholarly activity initiatives, policies and practice in BC's public colleges and how this dimension of the college is an indicator of organizational change and adaptation. Cheryl was the recipient of education leave and scholarly activity funding which partially supported her travel throughout the province to conduct the research.*



<p><b>Jennifer Kirkey, Sarah Stephens – Sci &amp; Tech</b></p> <p><i>Changing attitudes about the beauty, power, usefulness and fun of mathematics in first year astronomy and an introduction to computers course.</i></p>	
<p><b>Lin Langley, Anna Helewka, Miriam Tynski, Alison Thomas &amp; Sarah Stephens - SoTL</b></p> <p><i>Scholarship of Teaching and Learning Cohort Research Project - Lin Langley; A literature review on the social context of learning - Anna Helewka and Sarah Stephens; A presentation of preliminary results from a survey of student engagement at Douglas - Alison Thomas and Sarah Stephens.</i></p>	
<p><i>What Students Say About Learning at Douglas</i></p> <p><i>This trio of presentations offers information about the Douglas College Scholarship of Teaching and Learning Cohort Research Project. Included are a description of the three-phase inquiry into student learning at Douglas, a literature review on the social context of learning in post-secondary, and a poster of preliminary results from a survey of DC students who were asked to identify factors that promote positive learning at the College.</i></p>	
<p><b>Maureen Mackey – H Sci</b></p> <p><i>Providing Psychiatric Nursing Education to the Workplace: On-line Knowledge Transfer Course - Abstract: Mental health clients deserve to be served by nurses with relevant and precise psychiatric nursing knowledge and therapeutic relationship competencies. Nurses with generalist preparation are practising in mental health settings and are working with clients with mental health issues in a variety of clinical settings. Finding relevant clinical experience to develop clinical and professional competencies specific to psychiatric nursing is a challenge due to the need for employed nurses to continue their staff roles, health authorities to maintain stable staffing ratios, and the increasing demand for clinical experiences and preceptorships. The on-line Knowledge Transfer (KT) courses for Registered Nurses (RNs) and Licensed Practical</i></p>	

*Nurses (LPNs) are designed to provide an efficient, effective and flexible method for transfer/application of pre-requisite distance education courses to professional practice.*

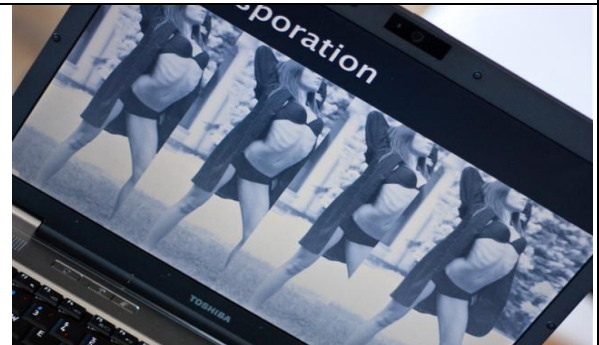
**Rob McGregor – Sci & Tech**

*Institute of Urban Ecology: Ground beetle diversity in urban habitat fragments - The nature of biological communities in urban areas may vary among habitat fragments of differing size. Ground beetle communities were sampled in 8 forested parks in Coquitlam in the summer of 2008. Comparisons are presented of beetle communities at sites ranging from 4 to 180 hectares in size.*



**Sabine Ali Obeid (Psychology Student) - HSS**



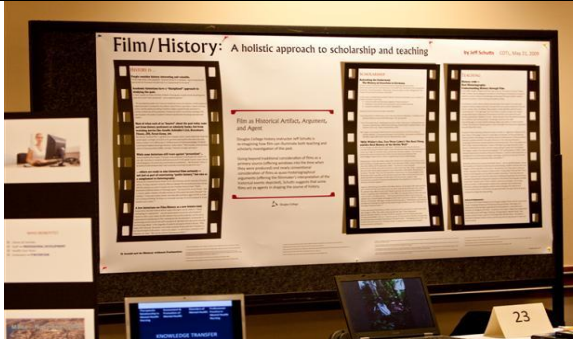
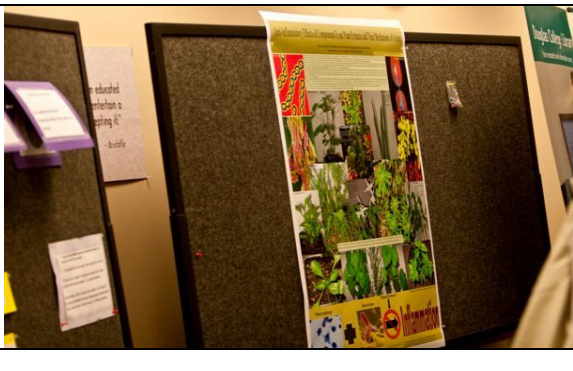
*This project is about the "Pro-Anorexia Movement" that has been sweeping the internet lately and has victimized many troubled young-women. The slides and poster include examples of the content on these websites, and also some facts about the disorder and the legality of the websites.*






**Wendy Parry - CFCS**

*Innovative Options: Flextrack and Outreach in the Classroom and Community Support Department – Focus on two innovative programs undertaken in the Classroom and Community support department that increase the FTE count and address decreasing enrolments and ongoing program viability.*



<p><b>Geri Paterson – CFCS</b></p> <p><i>Community Connections and Learning in Therapeutic Recreation – Community projects and community service learning are important teaching methodologies used in the TR diploma and degree. These connections are significant to students as well as community agencies.</i></p>	
<p><b>Janice Penner - EASL</b></p> <p><i>Is group work a waste of time? - This study investigates how 19 international students in an advanced EASL speaking and listening class perceive group work. The data you'll see is based on pre/ post project questionnaires and written reflections which were collected throughout the learning experiences. Each small group completed a Global Issue Survey Research Project, which they presented at the Student Researcher's Day.</i></p>	
<p><b>Jeff Schutts – HSS</b></p> <p><i>Reel Historiography? Understanding History through Film - This exhibit reports on research completed with Scholarly Activity Funds, and how this project relates to a new History course I am teaching – H1180. The research project investigates Billy Wilder's 1961 film, "One, Two, Three", and how its production and reception may offer unique insights on the history of the Berlin Wall, Cold War Germany, and Coca-Colonization.</i></p>	
<p><b>Lois Schwarz – Sci &amp; Tech</b></p> <p><i>Anti-Inflammatory Effects of Plant Extracts and their Mechanism of Action - Inflammation results from many different insults including microbial infection. It is the purpose of this research to find ways using plant extracts to combat inappropriate displays of inflammation.</i></p>	

<p><b>Andrew Senjack - Alumni Association</b>  <i>Promoting the highest standards of academic education, training, development, scholarship and continuing education for students and graduates of Douglas College.</i></p>	
<p><b>Brian Storey, Ed Lunn – Sci &amp; Tech</b>  <i>Sport Science - Undergraduate Physical Education and Coaching Students' Perceptions of using a TGfU Approach for Home Learners</i>  <i>Bachelor of Physical Education and Coaching (BPEC) students at Douglas College invited 32 home-learners (age 6-13) from the surrounding communities to take a 7-week PE class taught by the 3<sup>rd</sup> year students. The BPEC students utilized a constructive approach called Teaching Games for Understanding. This poster presents their perceptions of the model and the experience.</i></p>	
<p><b>Gail Tibbo – C &amp; BA</b>  <i>Student projects from Marketing's Promotional Strategy course.</i></p>	
<p><b>Linda von Tettenborn – H Sci</b>  <i>Quality Workplace Environments for Nurse Educators in Schools of Nursing in British Columbia – Poster presentation and table display of research project to date including evidence of publications and materials from recent publications.</i></p>	
<p><b>Tony Viani, Ted Littlewood, Keith Caspell (Student) &amp; Kathy Shannon (Student) Dispensing Opticians – H Sci</b></p>	

*The Effects of High Altitude on Post-Refractive Surgery Patients - Highlights of the effects of high altitude mountain climbing pressure variances on patients that have had corneal refractive surgery. A short video of the expedition is provided.*



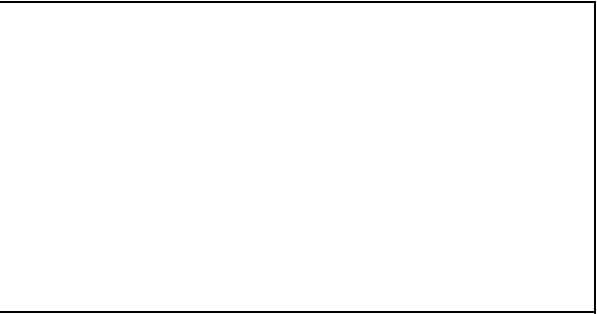
**AWARDS FOR NEW PROGRAM DEVELOPMENT**

**Child, Family & Community Studies**

*Intervenor for Individuals with Deafblindness Certificate program*

- Joyce Olson
- Cheryl Jeffs
- Lynne Wilson

*With thanks to our partners from the BC Provincial Outreach Program for Students with Deafblindness*



**Commerce and Business**

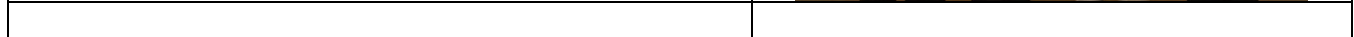
*CE Home Inspection Certificate*

- Brenda Welock
- Laury DeBow



*Post Degree Diploma in Marketing*

- Gail Tibbo
- Gerard Edwards
- John Newark
- Anne Gapper



**Health Sciences**

*Diploma in Advanced Opticianry, Contact Lenses and Refraction Technologies*

Tony Viani  
Ted Littlewood  
Wayne Mullen  
Wilson U  
Hanna Pham  
Wendy Russo  
Marion Kloseck

*Health Information Management OnLine*

Laurie Kenward

