

PRESIDENT'S REPORT TO THE BOARD OF GOVERNORS

March 2008

President's Report

There have been several significant events since our last meeting. First and foremost for UCFV was the opening of the Trades and Technology Centre. That event not only opened the Centre, but gave us a clear educational presence on our new campus. The event was a great success, but is well covered in other information sent to our Board, so I shall not comment further here. The second events were our budget forums, at Abbotsford and Chilliwack, and our Budget Advisory Committee meeting, all of which gathered input from across the university and helped us to complete the balanced budget we shall present to the Board at the March meeting. There were also two provincial activities of great interest to UCFV – the Speech from the Throne, and the presentation of the Provincial Budget. Without giving assurances, both of those events gave us reason to continue to hope for a name change for UCFV.

In the reports of Faculties and other units, I have included sabbatical reports from two of our Trades and Technology faculty members and one other faculty project report. They show well from a different angle of view, why trades and technology fit well into a university setting.

Faculty of Trades and Technology

Aircraft Structures Technician:

Wally Gallinger, Instructor, PRT

Project: Refurbish CF-TCY Lockheed Lodestar

- Built control dock and created paper work (forms) to record work accomplished
- Built four cradles (2 for each wing) to support wings for ease of access to repairs (leading edge down)
- Placed engines on pallets and stored in outside shed
- Removed de-icer boot attachment strips and rivnuts from both wing leading edges
- Removed four leading edge skins from right-hand (R/H) wing
- Removed damaged section of R/H wing, upper trailing edge skin
- Removed R/H wing end rib and damaged sections of upper and lower wing skins
- Disassembled 60 percent of R/H aileron and de-corroded forward spar
- Disassembled R/H aileron trim tab and fabricated replacement skin and spar repair piece
- Fabricated repair pieces for R/H upper wing skin damage at centre wing attach point
- Removed, repaired and partially installed left-hand (L/H) wing trailing edge rib
- Removed damaged section of L/H wing, upper trailing edge skin



The Museum of Flight has provided us with \$600 to proceed with the project to date. I will be meeting with Terry Brunner (Director of the Canadian Museum of Flight) and Bill Marr on Wednesday, January 23 to discuss future plans for the project. They will be bringing us some aluminum sheet for the aircraft as well.

Architectural Drafting Technician:

Sabbatical Report: September 2006 to January 2007

Larry Gritzmaker, Drafting Instructor

Project Title: Photographic Explanation of Part 9, British Columbia Building Code

I went onto construction sites and took a series of photographs that illustrate many facets of Part 9, Housing, and Small Buildings, in the *British Columbia Building Code*. The photographs are organized into subject areas that directly relate to the relevant sections of the *Building Code*. This series of photographs has been made available on DVD to the carpentry instructors for their use in illustrating the *Building Code* to their students.

My sabbatical also gave me the opportunity to start the photographic documentation of the conversion and renovation of Building 1040. I have continued this documentation as part of my on-going professional development at UCFV. This has resulted in a two DVD set of photographs that illustrates the transformation of each department into its present state of the art condition.

I also used the time that my sabbatical offered me to study the three dimensional aspects of AutoCAD, the drawing program that I use in the Architectural Drafting program.

During the months of September through November, I also attended lectures and lab sessions on weather and climate change (Geography 101) at the Chilliwack campus. This gave me the opportunity to look at the world through the eyes of a student again. I found this to be one of the most rewarding parts of my sabbatical.

In October 2006, I also attended a seminar on construction risk management put on by the Applied Science Technologists and Technicians of B.C. I also attended the Construction Solution Conference in November 2006. This seminar introduced the attendees to the latest information on indoor air quality and mould and mildew control in buildings.

Automotive Service Technician

Sabbatical Report: January 2007 – June 15, 2007

Vern Wright, Automotive Instructor

Project Title: Develop a Training Program for Electric Drive Vehicles

My sabbatical was to develop a training program for electric drive vehicles (EVs) and for parallel and series hybrid electric vehicles (HEVs). The program has been broken down into twelve training modules as follows.

- 1) History of the Hybrid Electric Vehicle (HEV) and the full Electric Vehicle (EV)
- 2) Batteries
 - Construction
 - Battery charging and battery chargers
 - Types of batteries
 - Low voltage 6-42 volt batteries
 - High voltage batteries 48-to-600 volt hybrid and electric batteries
 - Battery testing
- 3) Hybrid and Electric Vehicle safety
- 4) Battery Operated Electric Vehicles

- 5) Electric Drive Motors
- 6) Series and Parallel Hybrid Vehicles
- 7) Hybrid Drive Trans Axles and Traction Motors
- 8) Toyota Hybrids
- 9) Toyota Hybrid Engines and Trans Axles
- 10) Honda Civic Hybrid
- 11) Volvo "Recharge" concept Electric Vehicle
- 12) General Motors "Volt" concept Electric Vehicle

Although, the technology for Electric and Hybrid vehicles is improving at a rapid pace this will be a good foundation for training on the Hybrid and Electric vehicles. The research involved in compiling the individual modules has been an interesting learning experience for me in the fact that I had no idea as to how many companies, universities, and individuals are developing various vehicles throughout the world that will use alternate means of propulsion other than fossil fuels.

Faculty of Arts

Criminology/Criminal Justice:

Dr. Darryl Plecas will be a participant in the Oxford University Roundtable on Drug Policy in March 2008. Dr. Plecas will be presenting a paper on British Columbia's response to drug use.

John Martin was a panel member for a CBC forum/debate on sentencing, which took place at UCFV on February 21. John was joined by B.C.'s Chief Judge Hugh Stansfield. The event, which was part of *CBC's* "Neighbourhood 9-1-1" series, was hosted by Ian Hanomansing and Rick Cluff. Panelists debated sentencing for property crime offenders, and segments were later broadcast on TV and radio. The forum was well attended by members of the community as well as by UCFV students, faculty, and staff.

Stephen Bubb visited UCFV on February 22. Stephen is the Chief Executive of the Association of Chief Executives of Voluntary Organization in the United Kingdom.

Geography:

UCFV has received a letter from Murray Coell, Minister of Advanced Education, advising that UCFV's BSc (major and minor) in Physical Geography has been approved, giving students the option of completing either a BA or a BSc in Geography.

All members of the Geography department have been very active during the past year with research projects covering a wide diversity of topics, both locally and internationally. Geography students have been active in many of these projects, and a number of students have also made conference presentations.

Those who would like to receive more information about the department's many initiatives are invited to contact Skip Bassford, who has received an extensive report.

Teaching and Development

Career Centre:

The Career Centre is now well into our busiest season with students seeking summer co-op placements, other summer jobs and graduating students preparing to enter the professional world.

Once again several 'records' have been achieved in the Career Centre. In Co-operative Education:

- Record number of postings for a summer semester to date, with more postings to come
- Record number of new employers in a semester
- A highly successful new event, "Fab Friday Speed Interviews" was launched

We have 101 different postings for a total of 340 co-op positions for work this summer. In 2007 we had 143 postings with 256 positions posted by the end of April. This is an increase of 33 percent in the number of positions with more than two months in the semester for postings to come in. These are excellent entry-level professional positions in all disciplines and provide a wide variety of high quality experiential learning opportunities for our students. To date we have had 72 applications from UCFV students for these positions, out of approximately 200 students in the co-op program. More students applying to more positions will be an important priority in co-operative education.

Of these postings, 18 (about 18 percent) are new employers, i.e., have not posted with us before.

Co-operative Education launched a new event this semester, "Fab Friday Speed Interviewing", an initiative developed by co-op coordinator David Woodward. In one afternoon, 64 new co-op students each had two interviews with employers in their discipline for a total of 135 interviews. After a brief interview, each student received feedback and suggestions from the employer and from a senior co-op student who was shadowing the interviewer. As a result of Fab Friday, we received multiple job postings, some from new employers. Several of the senior students received job offers or invitations for further contact from the employer they were shadowing. A networking reception for students and employers was held after the event. Evaluations from both students and employers were extremely positive. We will be refining and repeating this very successful initiative.

Career Services has also achieved milestones:

- record number of students registering with the Career Services
- record number of positions posted

We continue to refine our data collection on student usage of career services as well as promote our services. In September, we began asking students to register with the Career Centre in order to track what types of students needed services and the kinds of services they needed as well as to determine general awareness of Career Services. Our increased promotional efforts are producing results, as we had 112 new student registrations in January compared with 42 in December. Twenty-one percent of new registrants are first year students; 18 percent are second year; 21 percent are third year; 13 percent are fourth year; 21 percent are alumni. We will focus more efforts upon graduating students, as this is a group which can typically derive benefits from connecting with Career Services in their final year.

To encourage more awareness of Career Services, we worked with Student Recruitment and sent out Career Centre e-newsletters to 830 first and second year students who had attended a UCFV orientation. The focus of the newsletter was career preparation, getting the most out of your university education and the employment and volunteer opportunities available through the Career Centre. We anticipate this will result in more students registering with us.

We had 195 positions (part-time, summer, full-time for graduating students and alumni) posted in January, which is the highest number of postings in a month since we implemented our system in August.

Submitted by:
Skip Bassford

