

# DRAFT

## **AN EXPANDED TRENT/FLEMING PARTNERSHIP**

### **A proposal from Sir Sandford Fleming College**

October 19, 1999

#### **OBJECTIVES**

The purpose of an expanded Trent/Fleming partnership is to increase enrolment at both institutions in a cost-effective manner in selected program areas, and to build upon areas of strength at each institution. More specifically, the partnership will enable Trent and Fleming to:

- 1) Develop new applied degrees in a joint, collaborative manner
- 2) Expand degree-completion agreements for Fleming graduates
- 3) Expand career-oriented learning opportunities for Trent students/graduates
- 4) Enter into joint, applied research activities
- 5) Share technology infrastructure and co-leverage private sector partnerships
- 6) Share human resources through cross-appointments
- 7) Share facilities when feasible
- 8) Promote joint professional development activities for staff at both institutions

#### **1) NEW APPLIED DEGREES**

- Bachelor of Science in Nursing (B.Sc.N) - a joint, integrated, collaborative program growing out of the existing Trent-Fleming Nursing program; expanded to Durham and Loyalist if feasible. A joint curriculum committee has been struck; work is underway to prepare a detailed proposal for Trent's Senate by January 2000. (This is Fleming's top priority).
- Bachelor of Environmental Technology - an opportunity exists to explore a new applied degree in Environmental Technology using expertise of Trent's Environmental Sciences Centre and Fleming's School of Environmental and Natural Resource Sciences
- Other opportunities:
  - Computer Science/information technology
  - Applied Management in Hospitality & Tourism

- Education

*NOTE: Fleming's assumption is that Trent University holds ultimate degree-granting authority, but that the new applied degrees would be developed in a joint, collaborative fashion, with much of the "applied learning" occurring at/through Fleming. Enrolment in upper year courses at Trent would expand without the concomitant increase in expenditures associated with a completely new four year program offered on-site at Trent.*

## **2) DEGREE-COMPLETION AGREEMENTS**

- Fleming's Business Administration programs with Trent's Bachelor of Administrative Studies (at minimum: 3+2 model for a combined 4 year Honours degree and 3 year CAAT diploma; 2+2 model for a combined 3 year degree and 2 year CAAT diploma); signed articulation agreement promised by Trent by December 31, 1999.
- Fleming's 20 diploma and post-diploma programs in Environmental and Natural Resource Sciences with Trent's Bachelor of Science (at minimum: 3+2 model for a combined 4 year degree and 3 year diploma); first priority: articulation of Fleming's Terrain & Water program with Trent's Bachelor of Science ASAP.
- Other opportunities?
  - Hospitality & Tourism
  - Law & Justice
  - Native Studies
  - General Arts & Science
  - Technology/computer science

## **3) CAREER-ORIENTED LEARNING OPPORTUNITIES FOR TRENT STUDENTS/GRADUATES**

- Trent's Bachelor of Science Honour students (Geography/Environmental Resource Science) currently enrol in Fleming's two semester GIS Application Specialist program and receive a Fleming post-diploma and full credit for the third year of Trent's Bachelor of Science.
- Trent's Honours degree students currently enrol in Fleming's post diploma program, Museum Management & Curatorship; successful completion of Fleming's program with minimum of 70% average grants students 4 upper-year course equivalents towards an Honours degree.

- **New:** Trent Bachelor of Admin. Studies students could enrol in Fleming's Human Resource Certificate program, thereby completing course requirements for accreditation as a Certified Human Resource Professional (CHRP); upper year course credits at Trent yet to be determined (should be similar to GIS model above).

#### 4) JOINT APPLIED RESEARCH OPPORTUNITIES

- Fleming, Trent, and several other universities currently collaborate around the design and implementation of a waste water treatment facility in central Mexico, funded by CIDA.
- **Healthy Aging:** a forum to share information/expertise is scheduled at Trent, Monday, October 25, 1999, co-sponsored by Fleming's Institute for Healthy Aging and Trent's Office of Research & Graduate Studies; numerous opportunities exist for joint research related to Fleming's partnership with St. Joseph's Care Group (long-term care facility on campus); Trent/Fleming intend to collaborate around an EEG remote data acquisition & monitoring research project; Fleming intends to pursue additional funding via Canadian Foundation for Innovation and other sources.
- **Geomatics/Environment:** Fleming is interested in pursuing research opportunities related to the application of Geographical Information Systems in various fields (health, business, law, environment, etc.); other research opportunities exist in fields such as aquaculture, ecosystem management, geophysics, etc.
- **Technology applications:** Fleming is currently engaged in 53 student applied research projects sponsored by 30 local businesses and community organizations. Collaboration with Trent's Computer Science program might be desirable. (Current projects include: development of prototypes for configuring communications services, network systems and sub-systems, e-commerce applications, database design, security/traffic analysis, etc.)

#### 5) SHARED TECHNOLOGY INFRASTRUCTURE

- Full connectivity between Trent and Fleming's I.T. infrastructure is desirable to ensure easy access by university/college staff and students to each other's learning and administrative resources, and to improve operational efficiencies. Both institutions can share their expertise, including possible leveraging with current I.T. partners.
- If a **comprehensive** partnership is formed between Trent and Fleming, access to Fleming's Learning Resource Centres, including a platform of 1,000 Pentium PCs, on-line courses and computer-assisted instruction could be made available to Trent students;

Fleming students could have access to Trent's library resources and databases.

## **6) PROFESSIONAL DEVELOPMENT**

- Fleming's new web-based post-diploma program in Teaching & Learning with Technology may be of interest to Trent professors and staff (see attached description); Fleming's Bell Institute for Learning Design provides consultation/training on a fee-for-service basis to internal and external clients in learning design and technology-enhanced delivery. (*Fleming currently has more than 4,556 students registered in on-line, web, print-based, and computer-assisted courses*).
- Opportunities for joint professional development at both institutions through visiting speakers, guest lecturers abound e.g the recent invitation to Fleming by the Master of Champlain College to attend a lecture on aging and longevity.

## **7) CROSS-APPOINTMENTS**

- The proposed integrated, collaborative B.Sc.N. program will no doubt require the appointment of a Program Director; such a position could be jointly funded by both Fleming and Trent (assuming adequate funding from government).
- Cross-appointments in other disciplines could be explored; the role played by Professor Tom Phillips, for example, is extremely helpful to both institutions.
- Cross-appointments or staff linkages in service areas should be explored (I.T. Human Resources, Equity, Libraries, Purchasing, etc.)
- If Trent decides to build or refocus one of its colleges around applied degrees and cooperative initiatives with colleges, a Director level position cross-appointed to both Fleming and Trent would be desirable.
- A Trent/Fleming Council or Steering Committee should be created with senior representatives from both institutions to ensure progress is made in achieving the objectives of the partnership.
- Consistent with past practice, a senior representative from each institution on each other's Board of Governors would be desirable.

## **8) SHARED FACILITIES**

- Both institutions should make greater use of each other's facilities for course delivery, continuing education activity, applied research, staff cross-appointments and secondments, professional development, guest lecturers, etc.
- The two institutions should explore a possible partnership around building/renovating a college at Trent dedicated to applied degrees and cooperative initiatives with colleges - a "Trent/Fleming university-college". Capital may be available through Ontario's SuperBuild Fund.
- Support from Trent would be appreciated for Fleming's proposed academic expansions in Peterborough and Lindsay (new technology/innovation centre, and renovations to health sciences facilities in Peterborough; new Geomatics wing and Taxonomy Learning Resource Centre in Lindsay).