TIESSEN@sask.usask., 15:01 21/4/97, Possible Collaboration between

To: TIESSEN@sask.usask.ca

From: cenintaf@ccs.sut.ac.th

Subject: Possible Collaboration between SUT and US

Cc:

Beet

X-Attachments:

Thank you very much for your emailed letter of 17 April regarding possible linkage between SUT and your University in a number of fields.

I would like very much to explore possible mechanisms of collaboration in Environmental Biology specially in the field of Ecology and Ecotoxicology. Among the possible activities are exchange of teaching—learning materials; student/faculty exchange and collaborative research. We have already linkages with 4 Canadian Universities in the field of Engineering which is partly supported by CIDA.

Another possible feild of cooperation is in Food Technology with a third Country partner-Vietnam. I wonder which of the provate companies you mentioned would be interested to collaborate with us in building a pilot Food Processiong Plant in Thailand and 7 or Vietnam. The updating curricula for Agrifood Technology can be shared by us too.

I am equally interested in your linkage with Global Education Multimedia. SUT as the Secretariat of the Association of Universities in Asia and Pacific (AUAP) with our Rector as President and myself as Secretary General, had just organized on 10-12 April a Regional Conference on Multimedia Education in Tokyo. As an output of the Conference, a Network on Distance and Multimedia Education has been established in the region. Our University has been chosen again as interim coordinator of the Network. Thus, we would be interested to link with Canadian Multimedia Institues. What could be the machanism of linkage?

I would appriciate it highly if you could sugguest funding machanisms—and/or funding agencies that would support our coorperative activities either in environmental biology—or multimedia education or both.

Looking forward to your suggestions.

Once again thank you for you kind interest and assistance.



Yours sincerely,

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TIESSEN@sask.usask., 15:01 21/4/97, Possible Collaboration between

Prof. Dr. Ruben C. Umaly

Director, CIA

TIESSEN@sask.usask., 15:44 17/4/97 -06, Letter of intent for cooperati

Return-Path: <TIESSEN@sask.usask.ca>

Date: Thu, 17 Apr 1997 15;44:58 -0600 (CST)

From: TIESSEN@sask.usask.ca

Subject: Letter of intent for cooperation

To: cemintal@ccs.sut.ac.th

X-Vms-To: IN% "cenintal@ccs.sut.ac.th"

Center for International Affairs

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1 18 APR 1997

Inne 10:45

April 17, 1997

Dr. Rueben Umaly

Director, International Affairs Centre

Suranaree University of Technology

111 University Avenue

Muang District, Nakhon Ratchasima

Thailand

cenintal@ecs sur ac th

Dear Dr. Umaly

With reference to a recent circular by the Asia Pacific Foundation of Canada, I am sending you this letter of intent and outline of the expertise available in the College of Agriculture of the University of Saskatchewan,

 We are interested in providing assistance in undergarduate and graduate program development in Environmental Biology. We can provide academic expertise in plant ecology, agricultural ecosystems and ecotoxicology (particularly integrated pest management). The Toxicology Research Centre of the U of S offers a wide range of toxicology expertise – environmental, clinical, molecular and on the ecotoxicology of metals and pesticides. It provides the broadest graduate program in Canada, and as one of three Centres of Excellencs is part of the Canadian Network of Toxicology Centres, the centre has close cooperation with federal agencies, The Candian Wildlife service and the National Hydrology Institute.

In addition, the College of Engineering to which we are linked through the Department of Agricultural Engineering provides programs in vironmental engineering

- 2) We are similarly interested in SUT's food technology program. The Department of Applied Microbiology and Food Science, located in the College of Agriculture offers graduate and undergraduate courses in microbial ecology, industrial microbiology, brewing and fermentation, rumen microbiology, post-harvest systems, grain and oil seed processing and food microbiology and biochemistry. In 1996 it had 48 undergraduate and 29 graduate students. It is involved in teaching, research, extensions, and increasingly in industrial partnerships.
- 3) Together with the College of Engineering, we have a CIDA funded institutional cooperation program with Hanoi University. We are therefore extremely interested in your efforts at that university. The College of Agriculture in its mission to meet agricultural and food industry needs through teaching, research, extension and service, has developed a highly interactive structure which provides for active cooperation with private and public sector companies and institutions.
 The network consists of:
- a) Commercial Enterprises:

»U of S Technologies Inc.« evaluates and licenses inventions, files patents and facilitates new enterprises or industry partnerships based on University research.

Agricoll Research Investments Inc.< is an investment vehicle through which the University participates in research, education and technology transfer to the agriculture industry.

CanEd International Inc.s is a consulting consortium owned by

Advisor! and the public sector (Olas College, Alberta)

participation specialising in international development and education.

>GlobalEd Multimedia Technologies Inc.< is a joint venture with a private company to develop self-learning modules on CD-ROM using multimedia technology (text, pictures, sounds and movies) in an interactive format. Within the College of Agriculture, two classes are being developed for Distance Education by TV delivery to start in September 1997. It will then be possible for students to take all the first year agriculture courses off-campus.

-CEAPRO and the Animal Technology Centres is a private company Agricoll joint venture exploring immunology, microbiology and biophannacology-in-combating animal disease.

>Ag-Spec Analytical Services Ltd.
provides a full range of analytical,
environmental monitoring and soil testing services to the Canadian
market.

b) Research and Education Links:

Centre for the Study of Cooperatives conducts studies of

cooperatives and develops course content for University instruction.

>Protein Oil Starch Pilot Plant< is a research and development centre with industry and government participation that does contract research on value-added products from agriculture

>Prairie Feed Resources Centre (Canada) Inc.
is a research and development agency operating with subscriptions from the feed industry wit the aim to develop feeds and feed blends for the national and fernational market.

>Prairie Swine Centres is a research and development agency of the College of Agriculture for the hog producers. It operates on a commercial, self-sustaining basis.

>Program for Agricultural Co-operative Educations in the B.S.A. degree. The program has received strong support from students, faculty and employers. Students selected to participate in the program will complete four work terms in industry in addition to eight terms of academic work.

centre for Studies in Agriculture, Law and the Environment< conducts research and provides education into environmental issues related to agriculture, and develops policy options for ecosystem management. The Centre examines, issues of land use arising from intensive livestock operations, appropriate standards for the regulation of agricultural biotechnology, and institutional reform necessary to guarantee a more sustainable agriculture in this province and beyond.

>Western Beef Development Centre<, a strategic partnership involving the Canadian beef industry, government, and the University of Saskatchewan, will focus on enhanced profitability in the beef industry through the creation of new markets, new products, and improved performance. Activities will include innovative research, knowledge transfer, and building linkages for a sustainable industry.

>Crop Development Centre< of the College of Agriculture is one of the most successful plant breeding organizations anywhere. It has released 90 crop varieties since 1977.

>Western Grains Research Foundation< and the University of askatchewan's Crop Development Centre signed an agreement in 1996 which provides for a multi-million dollar partnership over the next ten years. The WGRF is a producer-controlled organization whose mandate is to encourage research on grain production, utilization and marketability. The Foundation has been charged with administering the wheat and barley producer's research program and determining research priorities.

Centre for Agricultural Medicine< conducts research on health, safety and well-being in agriculture, and provides education, extension and training to the public.

-Toxicology Research Centres conducts research in environmental toxicology

>Veterinary Infectious Disease Organisation< provides research and development on animal diseases, treatment and prevention, such as vaccine development.

I trust that our extensive experience in the agricultural production and environmental protection sectors will be of benefit to SUT in any future cooperation. Please let me know if you would like to establish a cooperation in any of these areas.

Yours sincerely

Prof. Holm Tiessen

International Coordinator

College of Agriculture

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