INTERNATIONAL 2005 ICT STUDENT COMPETITON

<u>"INCLUSIVE COMMUNITIES: A SOCIETY FOR ALL GENERATIONS"</u>

<u>Guidelines</u>

Background:

This competition is sponsored by the International Council for Caring Communities (ICCC) in cooperation with the *United Nations ICT Task Force, the United Nations Programme on Ageing, the UN's Department of Economic and Social Affairs, the Swiss Agency for Development* and other partners. The competition program of the ICCC was first established in 1995 by the late architectural historian Dr. Albert Bush Brown and winning entries have been exhibited at the United Nations in New York and in notable venues around the world.

The Competition invites students internationally who are concerned with the design, development and use of Information and Communication Technologies (ICT) to apply their creative talents toward developing ICT solutions to enable the seamless integration of older persons into the fabric of their communities including the range of social, cultural, and economically productive activities. The presentation of finalists will be held at the World Summit for the Information Society (WSIS) in Tunisia, 2005 and are the highlight of an annual international conference under the general title *"Caring Communities for the 21st Century: Imagining the Possible"* held at the United Nations in New York during the annual meeting of the UN's Commission for Social Development.

The number of older persons, who are living in cities, towns, suburbs, and rural areas around the world, is increasing. Each month worldwide another 1.2 million people turn 60. Between 2000 and 2050 the percentage of the total population aged 60 or more will more than double, from 10% to 22%. By the year 2030 the total number of people over 60 will reach 1.4 billion. In some developed countries by the year 2050 the number of older persons will out number children (1-14) by 2:1.   These dramatic demographic shifts pose serious challenges and opportunities for a rapidly emerging ICT enabled "Information Society"; however to date there has been relatively little attention paid to the needs, limitations and opportunities which the

1

expanding use of ICT presents for a rapidly ageing population. It is thus the intention of this competition to stimulate ideas, novel approaches and innovative strategies and techniques which could inform action and research towards achieving the goal of "inclusion for all", including seniors within an evolving Information Society. The goal is to identify innovative ways of using ICT to stimulate the integration of older people as full and productive members of their respective communities.

As a NGO (non-governmental organization) associated with the United Nations, the ICCC promotes cross-sectoral approaches to questions of ageing; encourages interchanges between young and old; and fosters connections between business, academe, government, NGO's, community organizations, and the United Nations. The competitions, conferences and publications sponsored by the ICCC are presented as vehicles for raising awareness, for publicizing innovative projects and for stimulating new thinking about ways to meet the emerging needs and opportunities presented by the "graying society".

GUIDELINES

Eligibility:
Both undergraduate and graduate students of any field concerned with the design, development or deployment (implementation) of ICT are eligible to submit projects.

Entry forms are due by May 31, 2005 to the International Council for Caring Communities. Design project **submissions must be received by** September 1, 2005. The judging of entries will take place in early September 2005. Winning entries will be announced during the World Summit on the Information Society (WSIS) in Tunis, November 2005.

Prizes:

There will be two First Prizes: One, for the best hardware or software development supportive of use by and/or inclusion of aged persons in access to ICT; a second First Prize will be given to the best or most innovative application including training or content related development supportive of "effective use" by seniors of ICT. First Prize awards will be for $10,000. In addition there will be two-second place winners of $5,000 and two third place winners at $2,5000 each. At least three more projects in each category will receive Honorable Mentions. All other completed submissions will be recognized with a certificate acknowledging the student's participation.

Program:

Submissions should address among others the following issues critical in the societal integration of older people:

*Connectivity***:** **Using ICT to enable the physical or electronic accessibility of goods, amenities and services**.

*Symbiosis***:** **Matching the talents and interests of older people and the needs of society.**

*Dignity***:** **Upholding and preserving personal rights and personal realms regardless of any reduction in faculties.**

Access: **Ensuring the availability of essential services such as healthcare, food, educational facilities, recreational areas, social services and transportation.**

Effective Use: **Enabling the strategic development and use of ICT's to support social inclusion and distributed and equalized access to electronically distributed and other services and facilities for older people.**

Security: **Providing a sense of safety in physical and psychological terms.**

The project should address key issues and illustrate innovative approaches to the integration of older people in society and daily life. Of particular importance are ideas, approaches, techniques and technologies that make use of the experience, talents and interests of older people in the service of society. The solutions should address how the productive engagement of older persons can enrich communities and improve the quality of life for all. Additionally, the project may provide a strategy or means for incorporating older persons as essential components of the social fabric. Different age groups should be imaginatively intertwined. Opportunities should be sought to link various age groups in mutually beneficial arrangements.

Analysis:

The project should be addressed to a particular group of older persons with whom a beta test or proof of concept test has been conducted. Based on an analysis of an existing situation the context should provide a clear framework for the design concept and its technical development and service implementation. Students are encouraged to collect and portray information on current technology applications and developments that meet the specific needs or present opportunities for older persons and documentation should be provided which reviews the other developments in the research/application area where the particular project is situated. Where necessary sufficient documentation should be provided to allow for engineering, systems or

applications level review of the project. The analysis and its succinct documentation will allow the jury to understand the context and conditions to which the design solutions are responding and the technology background to the particular development.

Presentation:

Projects must be presented in a working fashion: For hardware this means that a working prototype has been constructed, for software this means that a running program is available, and for applications this means that the particular application is capable of being beta tested with an appropriate user population. **Each entry must be accompanied by either a CD or other digital record with digital copies of schematics, technical specifications, and background materials and an indication of the manner of the projects operation or field-testing including authenticated results.** Also a **one-page statement in English**, summarizing intent, concept, solution and key programmatic and technical features must be provided. All documentation must be in English, the working language of the competition and translation facilities will NOT be available.

All submissions must clearly identify the individual or individuals responsible for the submission. All entries must be prepared by bona fide students currently enrolled in a recognized academic program of learning and approved by a university advisor. All submissions must be accompanied by a written document outlining the origins (including appropriate referencing) of the project

In addition, a descriptive presentation of project must be included and displayed on **no more than four 24" x 34" or A1 boards**. **Each entry must be accompanied by a CD with digital copies of each board along with salient details**

> **Board One** should present the analysis of the existing situation.
>
> **Board Two and Three** should describe the design, development or application solution.
>
> **Board Four** should be used to further illustrate the design concept including documentation of tests and results. The purpose of this board is to convey the ideas to lay audiences; it should make the ideas come alive and make them imageable.

The Jury:

An international jury consisting of known ICT experts, gerontologists, and U.N. representatives will review and adjudicate the submissions.

Exhibitions:

2005 will offer winners significant worldwide exposure in an important international venue: The World Summit for the Information Society, Tunis, November 2005, and they will be featured in February at the 2006 "Caring Communities for the 21st Century: Imagining the Possible" Conference at the United Nations in NY and the World Urban Forum, in Vancouver, Canada, in June.

Notification of Winners:

Following the jury deliberations, winners will be notified by surface and e-mail. In addition an acknowledgement will be sent to their respective educational institutions. Other competition entrants will also be notified of the results of the competition. All are encouraged to attend WSIS in Tunis in November 2005 where the presentations will be made.

Ownership of Entries and Publication Rights:

All entries become the property of the International Council for Caring Communities (ICCC). The ICCC reserves the right to publish or use in any way any or all entries with appropriate acknowledgment of the author or authors. Intellectual property rights will be retained by the author or authors, however, non-disclosure agreements will not be entered into in the course of this contest and authors are encouraged to make their own arrangements with respect to IP as might be required. Projects designed for Open Source or Open Access is encouraged and the contribution of proposed innovations into the Public Domain will be an element in the adjudication process.

Unfortunately, ICCC is unable to mail the boards or CD's back to the entrant. Entrants are encouraged to make a record of their entry prior to submission.

Identification of Entries:
MOST IMPORTANT FOR ACCEPTANCE FOR JURY REVIEW:
For identification, all four boards must have a sealed envelope affixed to the back. Each envelope must contain the developer's name(s), home telephone number(s), e-mail address of each participant, as well as the name, faculty advisor, full address, e-mail, or fax number of the student's institution. In addition, **a signed copy of the Affidavit of Originality, as well as any digital information on CD or 35mm slides** must be **affixed to the back of the board.** Names or any other identification must not appear anywhere on the boards or anywhere publicly visible on the project. Any breach of anonymity will result in disqualification.

Shipping Requirements:

Entries may be delivered in person, by mail or courier to the International Council for Caring Communities, 24 Central Park South, N.Y. 10019, USA. Shipping by mail should be in sturdy wrapping. **All entries must be postmarked on or before September 1, 2005.**

INTERNATIONAL ICT STUDENT DESIGN COMPETITION 2005 CYCLE

ENTRY FORM

INDIVIDUAL ENTRY_____
GROUP ENTRY_____

Name of Student: _____   Anticipated Degree:_____
_____

Graduate ____ (or) Undergraduate_____   Name of Institution:_____
_____

Home Address: _____   Address: _____
_____
                        _____
_____

Country: _____   Country:_____
_____

Telephone No.: _____   Telephone No._____:

Fax Number: _____   Fax Number: _____
Email Address: _____   Email Address: _____
                                                        Faculty Advisor:_____

Please send entry form by May 31, 2005 to the International Council for Caring Communities, 24 Central Park South, N.Y, USA. or Fax: 212-759-5893 or e-mail: icccworld@earthnet.org. Visit www.international-iccc.org for additional entry forms.

Affidavit of Originality

The undersigned Entrant attests that his/her entry, submitted to the ICCC ICT Competition was designed and developed solely by the named entrant or entrants except as duly referenced. The competitor(s) also understands that if it is determined that he/she or they did not design or develop the entry without aid (except the advice of faculty members) or that all contributory work is not duly and sufficiently referenced, the prize award shall be revoked and the entrant may be subject to further legal action.

ENTRANT: _____

INSTITUTION: _____

DATE: _____