InterPARES 2 Project
International Research on Permanent Authentic Records in Electronic Systems

Areas That Should Be Covered
Validated

Case Study 15:
Waking Dream

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Creator of the Fonds

TOPIC	SPECIFICS	SOURCE
Name	University of British Columbia Department of Electrical and Computer Engineering's Human Communication Technologies Laboratory (HCT). Web site is available at: http://hct.ece.ubc.ca/	Web site
Location	University of British Columbia, Vancouver, Canada	Web site
Origins	Information is not available.	
Legal Status	The HCT laboratory is a body within a university department.	Web site
Legislation	*The Copyright Act* *The Universities Act* *The Freedom of Information and Protection of Privacy Act*	Inferred
Norms	Methodologies and norms related to Electrical and Computer Engineering would apply to the HCT.	Inferred
Funding	Funding for the HCT is from industry, such as Nissan Research of America, government, such as NSERC, and the university e.g. the Peter Wall Institute For Advanced Studies.	Web site
Resources	The HCT is located within two rooms in a building on the UBC campus. Electrical and Computer Engineering Students may be accessed to work on research as part of their coursework in the Department.	Web site FR, pg. 1
Governance	The HCT is hierarchically related to the Department of Electrical and Computer Engineering. The HCT's main contact is Dr. Sidney Fels, who is one of three faculty members associated with the HCT. One Post-Doctoral fellow and many Masters students also assist in the laboratory.	Web site
Mandate	To realize effective communication of human experience using information technology.	Web site
Philosophy	To "put people back in the loop" and allow us to communicate experiences to computer systems and each other more effectively.	Web site
Mission	Combine developments in psychology sociology, and art with faster processing machines, bigger data capacity, new algorithms, multimedia, and multi-modal systems to enhance the communication abilities between people and machines.	Web site

Functions	• Research • Administration	Web site
Recognitions	Information not available.	

Activities Resulting in Document Creation

Administrative and Managerial Framework

TOPIC	*SPECIFICS*	*SOURCE*
General Description	Not available in the Final Report.	
Type of activities	Likely related to the administration of a University laboratory.	Inferred
Documents resulting from activities	Not available in the Final Report.	
Existence of a RM and/or archives program	No records management or archives program exists. Records are stored in the various computers of the various parties involved in the HCT, described as a "distributed model".	Inte,. Pg. 2
Individuals responsible for preservation	No person is formally responsible for preservation. Administrative records are preserved as required by their creators.	Inferred
Existence of preservation strategies	Records are stored in the various computers of the various parties involved in the HCT, described as a "distributed model."	Inte,. Pg. 2
Legal Requirements and Constraints	Impact of the legislation on the specific administrative activities and records is not available in the Final Report. The Laboratory must comply with Copyright, Privacy, and Freedom of Information requirements, in addition to University requirements, in all activities.	Inferred
Normative Requirements and Constraints	Impact of normative specific administrative activities and records is not available in the Final Report.	
Technological Requirements and Constraints	As specifically related to the administrative activities and records, this information is not available in the Final Report.	

Digital entity being studied

General Description	*Waking Dream* is a multimedia performance art piece involving dance/movement, soundtrack, and live and pre-recorded video, as well as remote controlled interactions between performers and various digital and analog technologies. Waking Dream is designed for two people to perform, exploring the moment of coexistence between two illusory states, awake and dream.	FR, pg. 1

	Fels is an assistant professor at UBC; Neubauer and Takahashi are independent artists. The project is part of the Human Communications Technology Laboratory Administration. Three creators: Dr. Sidney Fels (coding; UBC Dept. of Electrical and Computer Engineering), Baerbel Neubauer (soundtracks), Sachiyo Takahashi (artist, performer, choreography) Biographical information is available on the Web site. In addition, Engineering students assisted with the program coding.	FR, pg. 1
Type of activities	The activities that make up a performance of *Waking Dream* are described in detail on page 2 in the Final Report. Information on the activities leading to the creation of *Waking Dream* is not available in the Final Report.	FR, pg. 2
Documents resulting from activities	Grant and funding applications, notebooks containing performance notes, Program code, sound samples, soundtrack, video.	FR, pg. 2
Existence of preservation strategies	The grant and funding applications, notebooks containing performance notes, and the program code are kept on Sidney Fels' computer. Florian Vogt has access, as do students ("read-only" access). Fels makes backup copies, and has recoded to attempt to avoid technological obsolescence. All other material is kept by Sachiyo Takahashi.	FR, pg. 2 FR, pg. 4 FR, pg. 7
Legal Requirements and Constraints	Impact of the legislation on the specific administrative activities and records is not available in the Final Report. The Laboratory must comply with Copyright, Privacy, and Freedom of Information requirements, in addition to University requirements, in all activities. In particular, the Copyright Act has an impact: permission to reproduce *Waking Dream* would require approval of all three of the individuals involved.	Inferred Inte, pg. 16
Normative Requirements and Constraints	Impact of normative specific administrative activities and records is not available in the Final Report. Normative requirements, such as those related to Electrical and Computer Engineering, inform the HCT's research activities. Ethical considerations: Fels and Takahashi disagree about whether or not the performance can exist without the performer. Reproduction, according to Takahashi, is only possible with her involved.	Inferred FR, pg. 8
Technological Requirements and Constraints	Equipment: Digital entities created on a variety of computers using a variety of software. Digital entities consist of: program code, one video (.avi) file, two types of audio file, and a PowerPoint file. Program code: Code changes with each new projector. Video: pre-recorded and edited footage (one source) is viewed alternately with two live and video sources. Audio: two types of files. The first is a soundtrack, which is a component of the performance and can be modified using ProTools. The second type contains the original sound samples from which the soundtrack was composed. PowerPoint: allows switching of video source, changing what audience sees. Media: Program code is written in a version of Visual Basic Project Manager developed to run on Windows 98. Video: stored in avi file. Impact: Program code reads a remote control device worn by the performer, allowing her to remotely dowse the shutter on the video projector that darkens the projection screen.	FR, pg. 2, 3 FR, pg. 3, 4