COVER SHEET FOR PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION

PROGRAM ANNOUNCEMENT/SOLICITATION NO./CLOSING DATE/if not in response to a program announcement/solicitation enter NSF 03-2								FO	FOR NSF USE ONLY		
NSF 02-168 02/12/03									NSF PROPOSAL NUMBER		
FOR CONSIDERATION BY NSF ORGANIZATION UNIT(S) (Indicate the most specific unit known, i.e. program, division, etc.) EIA - ITR MEDIUM (GROUP) GRANTS 0325447											
DATE RECEIVED				ASSIGNED	FUND CODE D		S# (Data Univ	versal Numbering System)	FILE LOCATION		
						0	002604817				
EMPLOYER IDENTIFICATION NUMBER (EIN) OR TAXPAYER IDENTIFICATION NUMBER (TIN)			HOW PREVIO	US AWARD NO.	IF THIS IS						
					ASED RENEWAL			S 🗌 NO 🛛 IF YES, LIST ACRONYM(S)			
231352630											
NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE				D BE MADE ADDRESS OF AWARDEE ORGANIZATION, INCLUI Drexel University					ODE		
Drexel University	3201 Arch Street										
AWARDEE ORGANIZAT	FION CODE (IF KNOWN)		Philadelphia, PA. 19104								
0032565000											
NAME OF PERFORMING ORGANIZATION, IF DIFFERENT FROM ABOVE					ADDRESS OF PERFORMING ORGANIZATION, IF DIFFERENT, INCLUDING 9 DIGIT ZIP CODE						
PERFORMING ORGANI	ZATION CODE (IF KNO										
IS AWARDEE ORGANIZ (See GPG II.C For Defini			SS IMINORITY BUSINESS IF THIS IS A PRELIMINARY PROPOSAL								
TITLE OF PROPOSED PROJECT ITR: Catalyzing & Nurturing Online Workgroups to Power Virtual											
	Learning				er or ingroups to	2011		-			
	I										
				(1-60 MONTHS)	,		DATE	ATE SHOW RELATED PRELIMINARY PROPOSAL NO.			
\$ 3,374,472 CHECK APPROPRIATE BOX(ES) IF THIS PROPOSA			0 months								
	IGATOR (GPG I.A)	FUSALI	NCLUDES AN	I OF THE ITEMS	HUMAN SUBJE						
DISCLOSURE OF LOBBYING ACTIVITIES (GPG II.C) Exemption Subsection Pending or IRB App. Date											
PROPRIETARY & PR HISTORIC PLACES (ION (GPC	G I.B, II.C.6)		☐ INTERNATIONA (GPG II.C.9)	L COO	PERATIVE A	CTIVITIES: COUNTRY	COUNTRIES INVOLVED		
	, ,	(SGER)	(GPG II.C.11)		(GPG 11.0.9)						
SMALL GRANT FOR EXPLOR. RESEARCH (SGER) (GPG II.C.11) VERTEBRATE ANIMALS (GPG II.C.11) IACUC App. Date HIGH RESOLUTION GRAPHICS/OTHER GRAPHICS WHERE EXACT COLOR											
REPRESENTATION IS REQUIRED FOR PROPER INTERPRETATION (GPG I.E.1)											
PV/PD DEPARTMENT College of Information Science & Technol 3141 Chestnut Street											
PI/PD FAX NUMBER Philadelphia, PA 19104											
215-895-2492		Linh D		States	Talasha Alasha a		Electronic Mai		1 Addroop		
NAMES (TYPED) PI/PD NAME		High D	regree	Yr of Degree	Telephone Numb	ei			I AUUIESS		
Gerry Stahl		PhD		1993	215-895-054	4	Gerry St	tahl@drexel.edu			
CO-PI/PD	•			1775	413-075-0544		Gerry.Stani@urexei.euu				
		PhD		1995	215-895-596	3	bachcn@drexel.edu				
CO-PI/PD											
		Ph.D		1991	215-895-206	215-895-2060 wes@drexel.edu					
CO-PI/PD						Ţ					
-		BA		1980	215-895-023	6	steve@n	steve@mathforum.org			
CO-PI/PD											
		1									

Certification for Authorized Organizational Representative or Individual Applicant:

By signing and submitting this proposal, the individual applicant or the authorized official of the applicant institution is: (1) certifying that statements made herein are true and complete to the best of his/her knowledge; and (2) agreeing to accept the obligation to comply with NSF award terms and conditions if an award is made as a result of this application. Further, the applicant is hereby providing certifications regarding debarment and suspension, drug-free workplace, and lobbying activities (see below), as set forth in Grant Proposal Guide (GPG), NSF 03-2. Willful provision of false information in this application and its supporting documents or in reports required under an ensuing award is a criminal offense (U. S. Code, Title 18, Section 1001).

In addition, if the applicant institution employs more than fifty persons, the authorized official of the applicant institution is certifying that the institution has implemented a written and enforced conflict of interest policy that is consistent with the provisions of Grant Policy Manual Section 510; that to the best of his/her knowledge, all financial disclosures required by that conflict of interest policy have been made; and that all identified conflicts of interest will have been satisfactorily managed, reduced or eliminated prior to the institution's expenditure of any funds under the award, in accordance with the institution's conflict of interest policy. Conflicts which cannot be satisfactorily managed, reduced or eliminated must be disclosed to NSF.

Drug Free Work Place Certification

By electronically signing the NSF Proposal Cover Sheet, the Authorized Organizational Representative or Individual Applicant is providing the Drug Free Work Place Certification contained in Appendix A of the Grant Proposal Guide.

Debarment and Suspension Certification

Is the organization or its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency? Yes

By electronically signing the NSF Proposal Cover Sheet, the Authorized Organizational Representative or Individual Applicant is providing the Debarment and Suspension Certification contained in Appendix B of the Grant Proposal Guide.

(If answer "yes", please provide explanation.)

No 🛛

Certification Regarding Lobbying

This certification is required for an award of a Federal contract, grant, or cooperative agreement exceeding \$100,000 and for an award of a Federal loan or a commitment providing for the United States to insure or guarantee a loan exceeding \$150,000.

Certification for Contracts, Grants, Loans and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, Ioan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

AUTHORIZED ORGANIZATIONAL REP	RESENTATIVE	SIGNATURE	DATE					
NAME								
Kenneth J Blank		Electronic Signature		Feb 13 2003 11:22AM				
TELEPHONE NUMBER	ELECTRONIC MAIL ADDRESS		FAX N	UMBER				
215-895-5849	kenneth.blank@drexel.e	edu	215-895-6699					
*SUBMISSION OF SOCIAL SECURITY NUMBERS IS VOLUNTARY AND WILL NOT AFFECT THE ORGANIZATION'S ELIGIBILITY FOR AN AWARD. HOWEVER, THEY ARE AN INTEGRAL PART OF THE INFORMATION SYSTEM AND ASSIST IN PROCESSING THE PROPOSAL. SSN SOLICITED UNDER NSF ACT OF 1950, AS AMENDED.								