

Iowa State University
SPIRE-EIT REU Survey
Summer 2007

The following survey will be used to learn about students' experiences in this summer research experience. All responses will be kept confidential. Thank you for taking time to give us your feedback.

SECTION A Demographics

Please list your student ID number: _____

SECTION B Listed below are various items related to your experience and familiarity with emerging

	None	Low	Average	High
I have experience in computer modeling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have experience in computer programming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have experience in interface design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am familiar with the role of technology in my discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have an understanding of emerging interface technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have a familiarity with the breadth of human computer interaction research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION C Listed below are various items related to research. Please rate your level of agreement with each of the following statements.

	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
I can easily see connections among multiple disciplines	<input type="checkbox"/>				
I am good at applying knowledge from different areas to solve current problems	<input type="checkbox"/>				
I interact well with individuals from different disciplines	<input type="checkbox"/>				
I am comfortable thinking about ideas and beliefs different from my own	<input type="checkbox"/>				
I have a good understanding of career choices and options in my discipline or field of study	<input type="checkbox"/>				
I have a good understanding of graduate degree options in my discipline or field of study	<input type="checkbox"/>				
I understand ethics that apply to my discipline	<input type="checkbox"/>				
I can effectively apply the scientific method and develop a procedure to address a research problem	<input type="checkbox"/>				
I am good at analyzing and interpreting data generated from analytical procedures	<input type="checkbox"/>				
I am good at asking questions that help clarify the problem	<input type="checkbox"/>				
I have a good idea of the type and depth of information that should be included in an excellent research report	<input type="checkbox"/>				
I can establish an objective and neutral tone in a project report, voiding subjectivity and bias	<input type="checkbox"/>				
I know how to use figures, graphs, charts, and drawings effectively in a project report	<input type="checkbox"/>				
I am comfortable interacting with an audience and responding to their questions	<input type="checkbox"/>				
I am good at working in a multidisciplinary team	<input type="checkbox"/>				
I like working in teams	<input type="checkbox"/>				

SECTION D Listed below are general questions regarding future plans.

	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
I am considering attending graduate school	<input type="checkbox"/>				
I am considering attending graduate school in human computer interaction	<input type="checkbox"/>				
The SPIRE-EIT program will help me in my career preparation	<input type="checkbox"/>				

SECTION E Listed below are general questions regarding your abilities in various areas. Please use the scale to the right to indicate your ability level for each item.

	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
I can create a 3D model from 2D side and front views of an object	<input type="checkbox"/>				
I can compile a C++ program that I have written using existing classes	<input type="checkbox"/>				
I can compile a program that uses OpenGL	<input type="checkbox"/>				
I can compile a program that uses VR Juggler	<input type="checkbox"/>				
I could attend an HCI conference reception and make intelligent conversation	<input type="checkbox"/>				

SECTION F Please rate your level of agreement with each of the following statements.

My REU experience...	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
Improved my ability to work cooperatively and productively with others	<input type="checkbox"/>				
Improved my ability to interact with others and contribute to group discussions	<input type="checkbox"/>				
Improved my ability to put team goals above my own personal goals	<input type="checkbox"/>				
Improved my ability to write effectively	<input type="checkbox"/>				
Improved my ability to speak effectively	<input type="checkbox"/>				
Improved my ability to think of different ways to solve problems	<input type="checkbox"/>				
Improved my ability to think critically	<input type="checkbox"/>				
Helped me to better understand the nature of my major and how it relates to other disciplines	<input type="checkbox"/>				
Helped me develop connections with professionals from my career area of interest	<input type="checkbox"/>				
Helped me improve skills that are needed for my future career	<input type="checkbox"/>				
Provided me support to help my learning	<input type="checkbox"/>				
Improved my research skills	<input type="checkbox"/>				
Increased my interest in continuing research	<input type="checkbox"/>				

General Satisfaction	Strongly disagree	Disagree	Not sure	Agree	Strongly agree
My project was interesting and challenging	<input type="checkbox"/>				
I was able to meet with faculty and/or graduate student mentor when needed	<input type="checkbox"/>				
My research project was well defined	<input type="checkbox"/>				

SECTION G Please rate the extent the following opportunities supported the goals of the summer program. Place a number next to each item from 1 to 5, where 1 = Not valuable and 5 = Highly Valuable

Journal Club	_____	Research Experience	_____
Luncheon Lecture	_____	Pod teamwork	_____
Research Forum	_____	Poster instruction and demo	_____
Blogging	_____	Wiki	_____
PWSE activities and paper	_____	Meal plan	_____
Social Activities	_____		
Classes:			
Orientation: What is Grad School and What is Research	_____		
HCI Course	_____		
Introduction to Computer Modeling	_____		
Introduction to Computer Programming	_____		
Advanced Modeling	_____		
Minds, Brains, Computer—Philosophy of Mind	_____		
Computer Graphics Programming	_____		
Ethics of Technology	_____		
Psychology of HCI	_____		
Marketing Yourself with Web Design	_____		

SECTION H Please respond to each item below.

What did you learn from this summer experience?

Has this experience influenced your current plans for once you graduate from college?

What do you think about working with students and faculty from other disciplines?

List three examples of cutting-edge interface technologies that will have a powerful impact on society.

If you have specific comments, please add them to the back of this page.

SECTION I Additional comments.

SECTION J Please provide a permanent address, phone number and email that we can use to contact you for a follow-up in the future. This might best be your parents' contact information.

Phone:

Email:

Address: