

WHO IS ARTEMIS?

We are four undergraduate women at Brown coordinating The Artemis Project 2004. We are all studying computer science among other subjects. We are extremely excited about the summer! Please contact us with any questions you may have about the program; we would be delighted to speak with you.



Contact Information

Phone:

Krista Greer 867-4813
Sara Hillenmeyer 867-4249
Michelle Lee 867-5272
Adrienne Trudeau 867-6148

E-mail:

artemis@cs.brown.edu

Mail:

The Artemis Project 2004
Computer Science Department
Brown University
Box 1910
Providence, RI 02912-1910

The World Wide Web:

<http://www.cs.brown.edu/orgs/artemis>

The Artemis Project 2004 could not have happened with the support and guidance of Professor Thomas Dean, former Chair of the Department of Computer Science at Brown University, and our generous sponsors.

Microsoft Local Community Alliance (Law & Corporate Affairs):

*Bill Newkom
Senior Vice President*

*Chris Jones
Senior Program Manager Within Community*



Leadership Alliance:

*James Wyché
Associate Provost and Executive Director*



Brown University and the Undergraduate Teaching and Research Assistantship (UTRA) Program:



*Dean Karen Romer
Dean David Targan Special thanks to
Katrina Avery, John Bazik, Suzi Howe,
and the past
Artemis Coordinators.*



HAVE YOU EVER...

... built a robot?

... designed a computer game?

... made your own web page?

Would you like to?

WHAT IS ARTEMIS?

The Artemis Project is a five week summer program for girls entering 9th grade who are interested in science and technology. Through activities such as exchanging e-mail with a mentor and building intelligent robots, students will be introduced to concrete computer science concepts. They will develop self-confidence and leadership in an encouraging challenging environment. It bears no cost to the participants.

The Artemis Project is named after the Greek Goddess of the Hunt. She was known for her strength, independence, and courage.

TIME & PLACE

The program is held on the
Brown University campus

June 28 – July 30

Monday thru Friday, 9 AM – 3:30 PM
PLUS A FAMILY EVENT SATURDAY,
JULY 31

WHAT WILL YOU LEARN?

We begin by introducing the computer and its basic functions. Through practical experience with Windows XP, Macintosh, and UNIX, you will gain an understanding of these operating systems and of the fundamental workings of a computer.

We will focus on the use of logic and deductive reasoning in exploring topics in computer science, such as object-oriented programming, artificial intelligence (i.e. smart robots), and computer animation. You will be introduced to some of the most cutting-edge discoveries in computer science.

In addition you will learn the practical skills needed for word processing, e-mail, and the World Wide Web. Next year, you will be able to write a paper on a word processor, such as Microsoft Word, and e-mail it to your teacher, as well as impress your friends by designing and building your own website.

By the end of the program, you will have practical skills and conceptual background that will allow you to follow your curiosity and interests in any direction they may lead you.

HOW WILL YOU LEARN?

- ✧ Hands-on experience using computers in state of the art facilities
- ✧ Group problem solving activities
- ✧ Interactive games
- ✧ Building and programming Lego Mindstorm robots
- ✧ Creation of personal web pages
- ✧ Guest lectures by Brown University professors
- ✧ E-mail with pen pals
- ✧ Field trips including:
 - ✧ Brown Computer Science Dept.
 - ✧ Virtual reality lab
 - ✧ Ropes Course
 - ✧ Boston Science Museum

WHO CAN APPLY?

Creative and motivated girls who are curious about math, science, or computers and are entering 9th grade in the fall of 2004 are qualified to apply for Artemis. ***No prior computer experience is necessary.***

HOW DO YOU APPLY?

If you do not have an application, you can get one on the internet at <http://www.cs.brown.edu/orgs/artemis>, or you can contact us directly and we will mail one to you. Applications need to be postmarked by Wednesday, April 21.

