Holly Peters Hirst

Holly Hirst is an award-winning teacher and an assistant professor of mathematics at Appalachian State University, and currently serves as department coordinator for courses in modeling, numerical methods, and operations research. She also coordinates Appalachian State University's Annenberg/CPB INPUT award-winning quantitative literacy course and the associated computer lab, and is co-author of the course materials, including the text *How Do You Know? Using Math to Make Decisions.*

Since Dr. Hirst received her Ph.D. in mathematics from the Pennsylvania State University in 1989, she has been active in the field of computational science. Over the last five years, she has given over 20 presentations and taught 4 workshops centered around incorporating modeling into mathematics courses at all levels.

Dr. Hirst was a recipient of the Undergraduate Computational Science Award, given by the Department of Energy to authors of innovative course materials for computational science in 1994. Dr. Hirst is also a former member of the Computational Science and Engineering Steering Committee for the Department of Energy, a committee focused on disseminating computational science materials over the world wide web. She was an instructor in the Workshop on Numerical Modeling and Interactive Learning Environments--a workshop funded by the Mellon Foundation and designed to provide faculty from the Associated Colleges of the South with the knowledge and experience to incorporate modeling and computation into their math and science curricula.

Dr. Hirst has been an instructor at SuperQuest for Teachers, a workshop designed to provide high school teachers with the knowledge and experience to incorporate scientific modeling into their curricula, held at the national center for supercomputing applications.

She was also an instructor in the Carolina Summer Institute in Computational Science, a UFE workshop designed to provide undergraduate math and science faculty with the knowledge and experience to incorporate computational science and mathematics into their curricula.

Visit Holly's homepage.

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