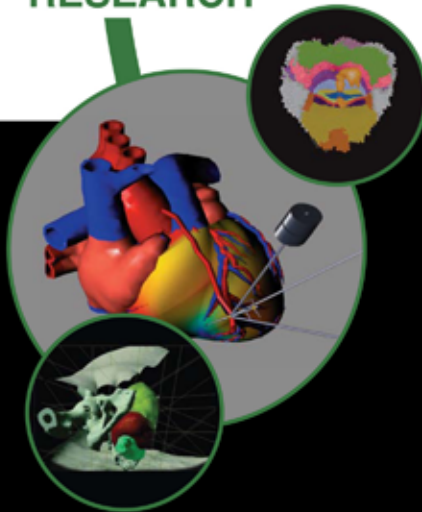


# POWERED BY MATH

Mathematics, the basis of technological innovation and scientific advances in ...

## MEDICAL RESEARCH



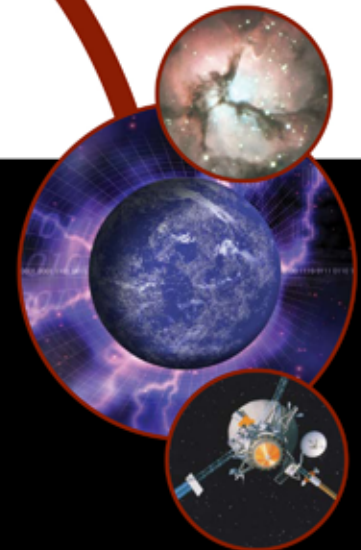
developing heart valves, brain imaging, epidemiology, mapping the genome

## INFORMATION TECHNOLOGY



encryption, networks, internet security, data management

## SPACE EXPLORATION



robotics, simulating galaxies, designing satellites

Image courtesy of Prof. Peter Pongor, Assistant Professor, Institute of Mathematics, University of Debrecen, Hungary. Heart image courtesy of Dr. Marco K. Haack, Florida State University. DNA image courtesy of Dr. K. Lee, Georgia Institute of Technology.

See **Mathematical Moments** for more applications of mathematics in science, nature, technology, and human culture at [www.ams.org/mathmoments](http://www.ams.org/mathmoments).