

Tomorrow's great discoveries will be made by the students we discover today.



Beginning with the invention of the microprocessor, Intel has been responsible for some of the most exciting and impactful technological advances of the last 25 years. At Intel we recognize that to produce leading-edge technologies, it is essential to support a rich educational environment that will inspire future researchers and innovators. That's why Intel supports the efforts of Science Service, a non-profit organization dedicated to advancing the understanding and appreciation of science. Jointly, we share a common goal — a commitment to programs that encourage and reward students in their pursuit of science, math and technology education.

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The Intel Science Talent Search is the most prestigious search for future scientific leaders among high school seniors. The Science Talent Search has recognized more than 2,200 young scientists and awarded more than \$3.7 million in scholarships over the past 57 years. Five former competitors have gone on to win the Nobel Prize.



The Intel ISEF is the world's largest international pre-college science project competition. More than 1,200 student finalists from science fairs around the world compete in the Intel ISEF for more than \$2 million in awards and scholarships. 1999 marks the 50th anniversary of the fair.

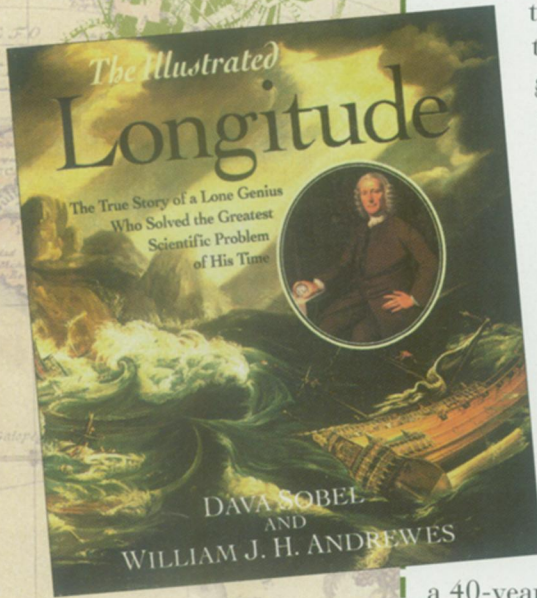
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New and Improved Longitude

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News Books



When Dava Sobel's *Longitude* was published to universal acclaim in 1995, readers voiced only one regret: that it was not illustrated. Now, William Andrewes, the man who organized and hosted the Longitude Symposium that inspired Dava Sobel's book, has joined her to create a richly illustrated version of her classic story.

The Illustrated Longitude recounts in words and images the epic quest to solve the thorniest scientific problem of the 17th and 18th centuries. Throughout the great age of exploration, sailors attempted to navigate the oceans without any means of measuring their longitude: All too often, voyages ended in total disaster when both crew and cargo were captured or lost upon the rocks of an unexpected landfall. Thousands of lives and the fortunes of seafaring nations hung on a resolution.

To encourage a solution, governments established major prizes for anyone whose method or device proved successful. The largest reward of 20,000 pounds—truly a king's ransom—was offered by the British Parliament in 1714. The scientific establishment—from Galileo to Sir Isaac Newton—had been certain that a celestial answer would be found and, therefore, invested untold effort in this pursuit. In stark contrast, one man, John Harrison, imagined and built the unimaginable: a clock that solved the problem by keeping precise time at sea. Today it is called the chronometer. Harrison's trials and tribulations to win the prize throughout a 40-year obsession are the culmination of this remarkable story.

The Illustrated Longitude contains the entire original narrative of *Longitude*, redesigned to accompany 178 images chosen by Will Andrewes: from portraits of every important figure in the story to maps, diagrams, and photographs of scientific instruments—especially John Harrison's remarkable clocks. Andrewes' elegant captions emphasize the scientific and historical events surrounding the images, and they tell their own dramatic story of longitude, paralleling and illuminating Dava Sobel's memorable tale.

—from Walker

Walker and Company, 1998, 216 pages, 9 1/4" x 10 1/4", hardcover, \$32.95

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