



—THE— GENOGRAPHIC PROJECT—

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IBM CORPORATION

IBM Corporation, headquartered in Armonk, N.Y., USA, is a full partner with National Geographic in the Genographic Project, providing a multi-faceted information technology (IT) solution that will encompass all aspects of the landmark, five-year research initiative.

For the Genographic Project, IBM's many contributions will include:

- providing technological advances in key areas such as computational biology, database technology, unstructured information mining and high-performance computing.
- providing the Genographic Principal Investigators (PIs) with IBM Thinkpad technology containing biometric fingerprint security that will protect the data gathered in the field.
- providing sophisticated on-line collaboration tools to connect the PIs with an unprecedented level of communication throughout the study.
- creating a secure, scaleable database that will store the data centrally, giving scientists around the world access to new and more complex information.
- contributing the flexible blade server and software solutions that will power National Geographic's Web site infrastructure and the Genographic Web site itself.

IBM has designed a system for the Genographic Project that has the flexibility to accommodate new data inputs as they arise during the five-year project while integrating specialized analytical tools to enable real-time access to genetic data. In addition, the company's life sciences division and Computational Biology Center will work closely with the Genographic Project scientists and researchers, providing expertise in the collection, storage, retrieval and analysis of the DNA samples provided by the project's anticipated hundreds of thousands of participants.

As the world's largest IT company and a global leader in the creation, development and manufacture of the industry's most advanced information technologies, IBM provides valuable professional solutions and services to businesses worldwide. With over 80 years of leadership in helping businesses innovate and more than 319,000 employees in 170 countries, IBM works with companies of all sizes around the world to deploy a full range of IBM technologies.

It is one of the world's most valued and respected brands. It has a long history of innovating on behalf of society, and in recent years has launched a series of major research initiatives designed to overcome many of the remaining "grand challenges" of science, including the Deep Blue chess playing computer and unraveling the mysteries of protein folding with BlueGene, the world's fastest supercomputer.

IBM Research is the world's largest information technology research organization, with more than 3,000 scientists and engineers at eight labs in six countries.

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