YOUR GOAL: Provide accurate and proven results in order to secure further research opportunities and grant funding

Endeavors in research offer researchers, students and professors the ability to analyze enormous amounts of data to uncover compelling patterns, trends or relationships that exist for innovation. In order to do this, researchers need computational and analytical solutions that are flexible enough to access and statistically analyze large amounts of data – something that most solutions cannot support.

In addition, researchers require a reporting solution that can perform their statistical analysis and seamlessly work with their current infrastructure in order to collaborate and share their research findings easily and conveniently. But many times, this is not possible with solutions that are not integrated or cannot handle larger amounts of data. Also, a solution’s statistical methods may not be tested, proven, accurate or repeatable, rendering research findings invalid.

With SAS’ integrated and customizable solutions, you can access and consolidate large amounts of data across multiple sources, analyze that data with award-winning validated analytics, and easily report your results to an array of interested parties.

OUR APPROACH

SAS is committed to leading the way for integrating technology and education. We offer a flexible data access, analytics and reporting solution to help with all your research needs. We approach the problem by providing software and services to help you:

- **Opt for flexible, low-cost licensing.** SAS’ substantial discounts for education ensure that cost doesn’t stand in the way of obtaining the technology you need to be successful. Options are available in both server and PC environments to best fit into your institution’s infrastructure.

- **Apply unmatched analytic capabilities.** SAS® software’s comprehensive set of proven analytic capabilities helps reduce uncertainty, predicts with precision and optimizes performance.

- **Seamlessly access data.** Regardless of native format or platform, SAS quickly and easily integrates data from all sources. The SAS solution’s high-performance architecture enables multithreaded support for CPU-intensive statistical algorithms and supports grid computing and consistent metadata throughout all data and analytical processes.

- **Gain expert SAS software training.** Included with every license and delivered to the desktop, users can access SAS expert training to enhance their SAS programming skills in a convenient online format – available when and where they need it.

SAS satisfies your data and analysis needs by providing solutions that have been specifically designed for education. Academic researchers are able to take advantage of the powerful data access, reporting and analytics they need to gain insight into all their research initiatives – using one comprehensive and research-proven solution.
THE SAS® DIFFERENCE: Enhance Research and Integrate It with Education

SAS provides comprehensive, fully integrated solutions that address your evolving research needs.

• **Seamless data integration.** Based on decades of education customer feedback, SAS can consolidate data regardless of its native database or platform, setting it apart from other solutions.

• **A leader in advanced analytics.** SAS’ commitment is to constantly enrich and validate its statistical offerings, giving you access to the most up-to-date statistical techniques not just today, but well into the future.

• **A customizable, end-to-end solution.** Using SAS, education customers have an iterative, customized approach to meet their institutions’ growing needs for data, reporting and analytics requirements.

• **Stability.** In business since 1976, SAS has a solid track record as a reliable partner with steady profit growth that will provide ongoing support no matter how your needs grow and change.

• **R&D investment and a commitment to education.** SAS is committed to partnering with educators to deliver software and services for academics and administration. SAS R&D is consistently developing new products and services to meet the specific needs of current and future education customers.

SAS understands the critical role of accurate, timely data and how integrating and analyzing that information can benefit education. SAS solutions have been helping education improve learning, services and management for more than three decades.

CASE STUDY: Case Western Reserve University’s Center on Urban Poverty and Community Development

**Situation**

Case Western Reserve University’s Mandel School of Applied Sciences Center on Urban Poverty and Community Development wanted to overcome limitations of its existing portal and supplement the amount of information available to researchers and other members of the community seeking to understand and alleviate poverty.

**Solution**

A SAS solution that works in conjunction with a GIS package delivers both mapping and real-time data analysis capabilities, helping the Center enhance statistical analysis capabilities, enable standalone development and improve information sharing.

**Results**

By unearthing links between poverty and other societal issues, the Center helps policymakers and not-for-profit groups understand poverty more clearly, make better spending decisions, and act faster and more effectively in efforts to revitalize and assist poverty-stricken communities.