Empowering Your Success
Resources for Scientists in Academia
Your Commitment to Science. Agilent’s Commitment to You.

What an extraordinary time this is to be a scientist. Recent developments in virtually every scientific discipline are moving us toward breakthroughs we once thought distant or unattainable. And yet, as you work to advance our understanding of the world while educating the next generation of thinkers, you are under pressure to do more work with fewer resources.

As an academic scientist, you need to secure funding in an increasingly competitive environment. You’re building a robust publication track record. And all the while, you’re trying to stay at the forefront of current teaching methods and tools.

At Agilent, we understand the challenges you face, and we are committed to helping you succeed in your academic career. As the world’s premier measurement company, Agilent can support you not only with reliable, state-of-the-art laboratory products and instrumentation, but also with funding through collaborations and educational tools you can use as teaching aids. Our work is to provide you with whatever you need to do your work. That’s why our measure is your success.

To learn more: www.agilent.com/chem/academia
Agilent’s University Relations and Agilent Foundation support a variety of programs that provide opportunities for academic scientists to collaborate with Agilent’s scientists and engineers on emerging scientific fields and applications. Agilent offers a variety of programs ranging from internships to direct funding of research, many of which flourish into career-long partnerships between Agilent and academic scientists.

Some of the programs include:

• **Agilent Early Career Professor Award**—
  This research award provides a gift of USD$50,000 per year for two years to a university in the professor’s name for promoting and encouraging excellent research, establishing strong collaborative relationships between Agilent researchers and leading professors early in their career, and building the prominence of Agilent as a sponsor of university research. To review the selection criteria and the application process, visit www.agilent.com/univ_relation/profaward.

• **Research Collaborations**—
  Many Agilent scientists engage in research collaborations with university faculty in areas of overlapping interests. If a proposed research project aligns with the company’s strategic research direction, Agilent may provide grants to support the proposed collaboration. Most often, research collaborations are initiated by Agilent research staff, so to uncover overlapping interest, faculty members are encouraged to arrange a guest lecture in areas relating to Agilent’s interest within electronic measurements, life sciences, and chemical analysis. To arrange a lecture, contact us at university_relations@agilent.com.

• **Internships@Agilent**—
  For motivated college students who are eager to shape their careers by contributing and gaining practical experience in the commercial aspects of science, the Agilent Internship program is a great first step. The goal of this program is to hire students into regular jobs after graduation. Qualified interns gain 10 consecutive weeks of full-time employment in research and development, manufacturing, marketing, quality, materials, facilities, information technology, finance, or human resources. That’s enough time to make an impact—and for Agilent to evaluate potential for future employment at Agilent. View all current internship positions and eligibility criteria at www.jobs.agilent.com/students.

These are just a few of the ways that together we can support your academic career. To learn more, visit Agilent at www.agilent.com/chem/academia.

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Tools for Training the Next Generation of Scientists

With the constant need to stay abreast of the latest teaching practices, educators need resources to effectively demonstrate novel applications and techniques to students. Agilent employs web-based, distance learning tools to provide technology and application primers, technical seminars, demonstrations, and a suite of reference materials, most of which can be used as valuable teaching aids.

Since Agilent provides world-class instruments and products for many disciplines, our teaching aids cover a wide range of applications, with resources on the latest separation, spectroscopy, and other measurement techniques. Take advantage of a wealth of teaching aids, from multimedia presentations that explain operating principles of instrumentation, to eSeminars and how-to guides, to application-specific libraries of peer-reviewed research by visiting Agilent’s educational library at www.agilent.com/chem/TeachingTools.

Some examples of resources include:

**Mass Spectrometry**
An interactive site on the operating principles of mass spectrometry, that include three-dimensional animation and video demonstrations at agilent.com/chem/MSBasics.
- Hardware
- Operation
- Mass Spectrum Basics
- System Setup
- Evaluation of Acquired Spectra

**Metabolomics**
Award-winning interactive site on the emerging field of metabolomics. Metabolomics-lab.com provides:
- An overview of GC/MS- and LC/MS-based metabolomics
- Workflow of a metabolomics lab
- Resource center with publications, literature, poster presentations, and useful links
- Auditorium of presentations provided by thought-leaders

**Genomics**
The latest in genomics research, OpenGenomics.com offers:
- Workflows of cutting-edge genomics techniques
- Scientific presentations by thought-leaders and their research
- Research reviews of seminal publications in a variety of genomics applications
- Resource centers for emerging applications such as miRNA
- An extensive publications database

To learn more: www.agilent.com/chem/academia
Our Measure: Your Success

As the world’s premium measurement company, Agilent provides instruments, products, and services for the analysis and detection of virtually any chemical or biological entity. In more than 30 years, Agilent has continually set the standard in laboratory instrumentation. And our portfolio continues to grow.

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