

Announcement for the Agilent Fellows Program



Agilent Technologies, a global leader in life sciences, diagnostics and applied chemical markets, and the USC Michelson Center for Convergent Bioscience have partnered to establish the [Agilent Center of Excellence in Biomolecular Characterization](#), featuring world-class research instruments for advanced mass spectrometry, chromatography, robotic high-throughput reaction screening, genomics, and optical characterization.

Program Overview

Agilent Fellows will be immersed in the cutting-edge research environment of the USC Michelson Center and affiliated faculty laboratories across the University Park Campus. Each Fellow will be paired

with a primary USC faculty mentor and will also have a unique opportunity for career and professional development through mentoring by the [Agilent Associate Vice President for University Relations and External Research](#), who can facilitate connections with Agilent scientists.

In addition to pursuing their independent research, Fellows will gain **hands-on experience with the operation and basic maintenance of Agilent instruments housed at the USC COE**, preparing them for leadership roles in both academic and industry settings.

You can read about the Agilent Fellows and their research [here](#).

One Agilent Fellow will be selected each year for a non-renewable two-year postdoctoral fellowship. Strong preference will be given to recent or eminent Ph.D. graduates who are coming to or within their first year as a postdoctorate at USC. Applicants should discuss the development of a proposal with their faculty mentor and secure their sponsorship **before** applying. A list of USC faculty who are eligible to sponsor Agilent Fellow applications can be found [here](#). USC faculty who wishes to gain eligibility should contact Dr. Yasaman Dayani for further information.

Award Details

One fellowship will be awarded each year for a two-year term. We expect a new round of selection each Fall. Agilent Fellows will receive annually a \$81,000 stipend as well as [university postdoctoral benefits](#).

Eligibility

Applicants to the Agilent Fellows Program must:

- have received their Ph.D. in a relevant science or engineering field before January 31, 2026, or be within the first year of their postdoc career at USC.
- have [eligible USC faculty sponsor](#) their application

Research Proposal Guidelines

Agilent invites proposals that advance life science measurement technologies of interest to USC, Agilent, and the broader

scientific community. We are particularly interested in research that leverages the biomolecular and genomic characterization tools at the Agilent Center of Excellence at USC or aligns with Agilent's broader research priorities.

Current areas of interest include:

- Environmental testing and monitoring, such as PFAS and microplastics
- Analytical approaches for compound classes relevant to pharma and biopharma
- Biomanufacturing process analytical technologies
- Cell and Gene Therapy research and analysis
- Clinical pathology, diagnostics, and cancer biology
- Technology advancements for chemical and molecular analysis

In addition, the fellow is expected to gain experience in operation and basic maintenance of Agilent instruments at the USC Center of Excellence. USC faculty who agreed to sponsor an Agilent Fellow application may reach out to Nahid Chalyavi (Agilent Associate Vice President for Global University Relations and External Research) to discuss how their proposal can maximize alignment with Agilent interests.

Selection Criteria

Applications will be evaluated on four main criteria:

1. a track record of research productivity and impact,
2. evidence of growing independence as demonstrated in the research proposal,
3. alignment with Agilent research interests
4. record of Service/Mentorship and importantly the potential to collaborate

Submission Guidelines

Applicants should submit the following:

- Online application that can be find [here](#).
- Cover letter stating the applicant's background, motivation and career interest.
- CV (2 pages max; with a list of publications and presentations).
- Research Proposal (5-pages max; 12-point Times Roman, single-spaced, standard margins). The proposal should name their sponsoring USC advisor and detail an independent research project, with appropriate citation to the scientific literature. (An additional page may be used for references.) In addition, the proposal should describe resources required for the proposed project and how these are met either in the host PI's laboratory or through the shared core facilities in the USC Michelson Center.

- Letter of Support from their eligible USC faculty advisor, indicating the advisor's commitment to provide the required equipment and supplies for the described research project.
- Three academic letters of recommendation, including one from the candidate's Ph.D. advisor, sent directly to us.

The application deadline is **December 1, 2025**, and the selection committee will meet soon thereafter. Submissions received after midnight Pacific Time of 12/01/2025 will not be accepted. All candidate materials should be submitted as a single PDF to agilentfellows@usc.edu.

Confidential letters of recommendations should be transmitted directly from each referee and sent to agilentfellows@usc.edu.

For questions related to this fellowship, please contact program coordinator, Dr. Yasaman Dayani, at agilentfellows@usc.edu.

An information session about the program will be held on **October 1, 2025**, 2-3 PM (PST) via Zoom.

Zoom Meeting Information:

<https://usc.zoom.us/j/93933238987?pwd=jTaUindnoFPrOq5sU7LeFLMi8BNSCFb.1>

Meeting ID: 939 3323 8987

Passcode: 958564

About Agilent Technologies

Agilent Technologies Inc. (NYSE: A) is a global leader in life sciences, diagnostics and applied chemical markets. With more than 50 years of insight and innovation, Agilent instruments, software, services, solutions, and people provide trusted answers to its customers' most challenging questions. The company generated revenues of \$6.51 billion in fiscal 2024 and employs approximately 18,000 people worldwide. Information about [Agilent](#) and [Agilent Labs](#) is available at www.agilent.com.

About the USC Michelson Center for Convergent Bioscience

The USC Michelson Center for Convergent Bioscience brings together a diverse network of scientists and engineers from the USC Dornsife College of Letters, Arts and Sciences and the USC Viterbi School of Engineering as well as partners in the Keck

School of Medicine of USC, the USC School of Pharmacy and the USC School of Cinematic Arts, to solve some of the intractable problems of the 21st century. With a generous \$50 million gift from Gary K. Michelson, a retired orthopedic spinal surgeon, and his wife, Alya Michelson, the USC Michelson Center for Convergent Bioscience occupies the largest building on campus, a state-of-the-art facility for USC to transform and influence the course of scientific discovery and biomedicine for generations to come. Information about the USC Michelson Center for Convergent Bioscience is available at michelson.usc.edu.



<https://michelson.usc.edu/>



<https://x.com/AgilentFellows>

USC Michelson Center

**Agilent Center of Excellence in
Biomolecular Characterization**