Job Opening: RF Engineer
Contact Information: greg_vanwiggeren@agilent.com

Qualifications:
The successful candidate will possess a deep physical understanding and strong practical skills in the RF electronics domain. As this is an applied research position, the successful candidate will have demonstrated a willingness to delve deeply into challenging problems and an ability to propose, develop, and implement innovative solutions.

Job Requirements:
- Ph.D.
- Strong Familiarity with
  - RF and uW PCB design tools and processes
  - RF and uW circuit simulation tools
  - Synthesizer/oscillator design and theory
- Strong communication skills
- Ability to work collaboratively with a multi-disciplinary team of peers

Other valuable skills:
- Experience working with mmW and sub-mmW designs and systems
- Hybrid uW thin film circuit design
- ASIC design experience, e.g. RF CMOS, InP, etc.
- Laboratory experience with test equipment

Job Description:
Join an extremely talented and multi-disciplinary team uniquely chartered with inventing and developing breakthrough electronic measurement technologies. As part of Agilent’s central research laboratories, you’ll work with a team of experts in fields ranging from photonics and microwaves to FPGA design and software engineering. You’ll see the results of your research in, for example, the latest next-generation high-speed oscilloscopes, real-time spectrum analyzers, and even future instruments to be defined by you.

Team members are typically assigned to one of a handful of applied research projects in our research portfolio—each aimed at providing breakthrough technologies for Agilent. These projects can be self-initiated by staff (perhaps you!) or by request from Agilent’s business units. Our role in the central research laboratory is to develop and validate these technologies and, if they prove successful, to assist in their commercialization by Agilent’s businesses.

As a member of the team, your expertise will be applied in a variety of ways and on a variety of projects. You’ll be asked to:
- Identify technology trends and how they can best be harnessed for Agilent
- Invent new measurement concepts with the potential to significantly impact Agilent’s businesses
- Implement these innovative concepts in actual hardware and software to prove feasibility
- Work with Agilent’s businesses to transfer the technology into commercial products.

RF and uW design excellence is key to virtually all of Agilent’s measurement products, and with your core skillset, you will have many opportunities to contribute directly to their future designs.

To foster innovation, this position requires close collaboration with other team members. Consequently, this job must be performed from our offices in Santa Clara, California.