

Opportunity Title: Research Chemistry Fellowship--Center for Devices and Radiological Health

Opportunity Reference Code: FDA-CDRH-2015-0028

Organization U.S. Food and Drug Administration (FDA)

Reference Code FDA-CDRH-2015-0028

How to Apply A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional references

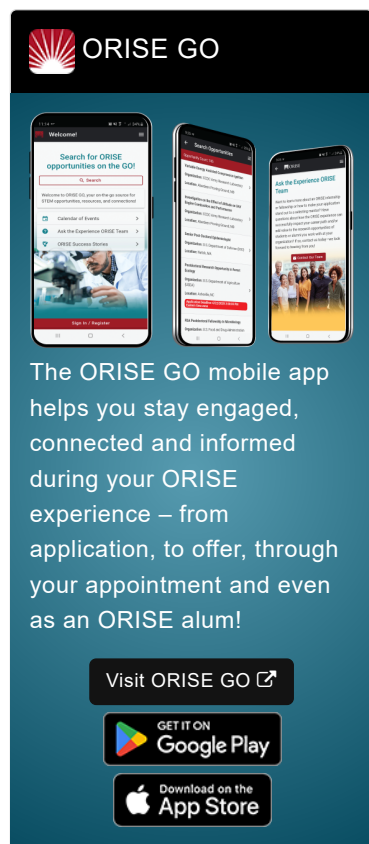
All documents must be in English or include an official English translation.

If you have questions, send an email to FDArpp@orau.org. Please include the reference code for this opportunity in your email.

Description A fellowship opportunity is available in the Office of Science and Engineering Laboratories (OSEL) in the Center for Devices and Radiological Health (CDRH), Food and Drug Administration (FDA). OSEL performs product testing; develops reliable standardized test methods for CDRH and industry use; performs anticipatory scientific investigations on emerging technologies; contributes laboratory data to national and international standards used in CDRH decision making; provides scientific and technical training for CDRH staff members; and maintains laboratory collaborations and relationships with scientific researchers in academia and other Federal laboratories. OSEL also coordinates and oversees CDRH's activities that support the development of national and international standards.

The candidate would be part of a collaborative team in DBCMS, OSEL, CDRH, FDA. The team objectives are to conduct research in support of the regulatory and public health mission of the FDA involving angioplasty balloons that are inserted into blood vessels blocked by plaque, then expanded to remove the blockage. Restenosis (reblockage) occurs at rates of 40-50% due to cell proliferation within 3-6 months after a balloon angioplasty. Drug coated angioplasty balloons (DCB) deliver drugs to the blood vessel lumen to minimize cell proliferation and restenosis. The project will address the need for high performance liquid chromatography (HPLC) data and test methods essential for determining the amount of drug lost prior to and during DCB inflation in the vessel. The position is for 10-13 months depending on performance and available funding, with potential start date of May 3, 2015.

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and FDA. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at FDA in the Silver Spring, Maryland, area. Participants do not






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become employees of FDA or the program administrator, and there are no fringe benefits paid.

- Qualifications**
- Bachelor's or Master's degree in Chemistry earned within the past five years.
 - Strong laboratory experience with High Performance Liquid Chromatography.
 - Experience with tools and instrument set-ups.
 - Experience performing multiple laboratory experiments, calculations, and analyzing data.

- Eligibility Requirements**
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([1](#) )
 - **Engineering** ([4](#) )
 - **Life Health and Medical Sciences** ([1](#) )