

**Opportunity Title:** FDA Fellowship in Microbiome and Infectious Disease  
**Opportunity Reference Code:** FDA-CBER-2022-17

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

**Reference Code** FDA-CBER-2022-17

**How to Apply** *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

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
- One educational or professional recommendation

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

If you have questions, send an email to [ORISE.FDA.CBER@oraui.org](mailto:ORISE.FDA.CBER@oraui.org). Please include the reference code for this opportunity in your email.

**Description** **\*Applications will be reviewed on a rolling-basis, and this posting will remain open until filled.**

A research opportunity is currently available in the laboratory of Dr. Paul Carlson in the Office of Vaccines Research and Review (OVRR) at the Center for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA) in Silver Spring, Maryland.

The fellow will perform experiments under the supervision of the Principal Investigator and a postdoctoral fellow. These projects are designed to understand key regulatory questions regarding safety, manufacturing, and efficacy of fecal transplantation products using next generations sequencing and various animal models. The research will initially focus on *Clostridioides difficile* infections, but will be expanded to other microbiome related diseases in the future. The fellow will receive training in microbiology and basic bioinformatic methods used to assess the microbiota.

**Anticipated Appointment Start Date: As soon as a qualified candidate is identified; start date is flexible**

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 initial appointment is for one year, but may be renewed upon recommendation of FDA contingent on the availability of funds. 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 become employees of FDA, DOE or the program administrator, and there are no employment-related benefits.

Completion of a successful background investigation by the Office of Personnel Management is required for an applicant to be on-boarded at FDA. OPM can



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complete a background investigation only for individuals, including non-US Citizens, who have resided in the US for a total of three of the past five years.

FDA requires ORISE participants to read and sign their FDA Education and Training Agreement within 30 days of his/her start date, setting forth the conditions and expectations for his/her educational appointment at the agency. This agreement covers such topics as the following:

- Non-employee nature of the ORISE appointment;
- Prohibition on ORISE Fellows performing inherently governmental functions;
- Obligation of ORISE Fellows to convey all necessary rights to the FDA regarding intellectual property conceived or first reduced to practice during their fellowship;
- The fact that research materials and laboratory notebooks are the property of the FDA;
- ORISE fellow's obligation to protect and not to further disclose or use non-public information.



### Qualifications

The qualified candidate should have received a bachelor's or master's degree in one of the relevant fields. Degree must have been received within the past five years.

Preferred skills:

- An interest in microbiology, bacteriology, the microbiome, and/or infectious disease
- Basic understanding of molecular biology/microbiological laboratory techniques

### Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Academic Level(s):** Post-Bachelor's or Post-Master's.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 )
  - **Life Health and Medical Sciences** (48 )

### Affirmation

Have you lived in the United States for at least 36 out of the past 60 months? (36 months do not have to be consecutive.)