

Opportunity Title: CDC Research Opportunity for Fungal Identification and Susceptibility Testing Training

Opportunity Reference Code: CDC-NCEZID-DFWED-2022-0385

Organization Centers for Disease Control and Prevention (CDC)

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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. Your application will be considered incomplete, and will not be reviewed until one recommendation is submitted.

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

Application Deadline 2/6/2023 3:00:00 PM Eastern Time Zone

Description ***Applications will be reviewed on a rolling basis and this opportunity may close before the application deadline.**

CDC Office and Location: A research opportunity is currently available in the Division of Foodborne, Waterborne, and Environmental Diseases (DFWED) within the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

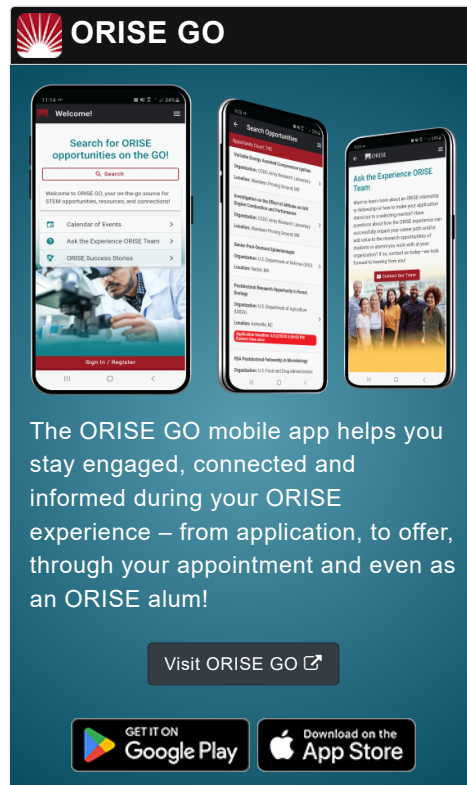
The Centers for Disease Control and Prevention (CDC) is one of the major operation components of the Department of Health and Human Services. CDC works to protect America from health, safety and security threats, both foreign and in the U.S. Whether diseases start at home or abroad, are chronic or acute, curable or preventable, human error or deliberate attack, CDC fights disease and supports communities and citizens to do the same.

Research Project: This ORISE opportunity will be under the direction of Joe Sexton.

The Mycotic Diseases Branch (MDB) is looking for a candidate to participate in laboratory projects related to fungal diseases. Under the guidance of a mentor, the research participant will learn how to conduct focused laboratory studies relevant to fungal identification and anti-fungal susceptibility testing. The participant will interface with epidemiologists, laboratorians, data scientists, and bioinformaticians.

Learning Objectives: Learning objectives include:

- Yeast and mold identification



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- Anti-fungal susceptibility testing
- Laboratory investigations techniques for donor derived infections
- New diagnostic tests evaluation
- Novel antifungals evaluation
- Communication of results and findings to internal and external stakeholders

Mentor(s): The mentor for this opportunity is Lynette Benjamin (bil0@cdc.gov). If you have questions about the nature of the research please contact the mentor(s).

Anticipated Appointment Start Date: January 22, 2023. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year, but may be renewed upon recommendation of CDC and is contingent on the availability of funds. **Funding for this opportunity is currently expected to end on 8/31/2023.**

Level of Participation: The appointment is full-time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details](#) page of the program website for information about the valid immigration statuses that are acceptable for program participation.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and CDC. Participants do not become employees of CDC, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

The successful applicant(s) will be required to comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email ORISE.CDC.NCEZID@ornl.gov and include the reference code for this opportunity.

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Qualifications The qualified candidate should have received a bachelor's, master's, or doctoral degree in one of the relevant fields (e.g. **Biology, Microbiology**), or be currently pursuing one of the degrees with completion before the appointment start date. Most recent degree must have been received within the past five years.

Preferred skills:

1. Demonstrated experience in basic microbiology techniques
2. Interest in public health and fungal diseases
3. Effective communication skills
4. Experience publishing in the scientific literature
5. Experience with standardized methods and standard operating procedures
6. Ability to organize, analyze, and accurately summarize results
7. Experience in a public health setting or with fungi desired but not required

Eligibility Requirements

- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
 - **Life Health and Medical Sciences** (48 👁)

Affirmation I certify that I have not previously been employed by CDC or by a contractor working directly for CDC. I understand that CDC does not permit individuals with a prior employment relationship with CDC or its contractors to participate as trainees in the ORISE program. (Exceptions may be granted for individuals who, since the previous CDC employment, have obtained a new STEM degree which necessitates training in a new field.)