



Nicholas Kovacs &lt;nattila.kovacs@gmail.com&gt;

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**Fw: Bioinformatician ORISE spot**

1 message

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**Huang, Andrew (CDC/DDID/NCEZID/DFWED)** <www8@cdc.gov>  
To: "nattila.kovacs@gmail.com" <nattila.kovacs@gmail.com>

Fri, Nov 16, 2018 at 3:48 PM

Just as a note: follow the application instructions at the end

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**From:** McLean, Audrey Jeanine Abrams (CDC/DDID/NCHHSTP/DSTDP)  
**Sent:** Friday, November 16, 2018 3:15 PM  
**To:** Huang, Andrew (CDC/DDID/NCEZID/DFWED)  
**Subject:** Re: Bioinformatician ORISE spot

Hi Andrew,

I'm not sure which position he's talking about. If he clarifies, I'll ask the person handling that post. In the meantime, please forward the job posting below to him. Thanks!

-Jeanine

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Please see announcement below for a Bioinformatics Term-FTE (GS-12) position within LRRB.

**Bioinformatics Position**

Laboratory Reference and Research Branch

Division of STD Prevention

National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention

Centers for Disease Control and Prevention

Atlanta, GA

An FTE position is currently available in the Laboratory Reference and Research Branch (LRRB), Division of STD Prevention within the National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention (NCHHSTP) at the Centers for Disease Control and Prevention (CDC).

LRRB's mission is to provide reference and/or research activities for syphilis, *Neisseria gonorrhoeae* (GC) and *Chlamydia trachomatis* (CT) infections, lymphogranuloma venereum (LGV), chancroid, genital herpes, donovanosis, bacterial vaginosis, and trichomoniasis, and organisms causing emerging infections such as *Mycoplasma genitalium* (MG). The branch supports domestic and global laboratory capacity to improve laboratory-based methods of detection of STDs and successful treatment through evidence-based laboratory science regarding diagnostics and clinical intervention strategies. Specific LRRB activities include conducting and participating in clinical, field, and laboratory research to develop, evaluate, and improve laboratory diagnostic capacity, develop, and publish laboratory guidelines, drug therapies, and epidemiologic tools for sexually transmitted diseases (STDs); conduct laboratory assessment of antimicrobial resistance in STDs; consult with and support laboratory efforts for domestic and international activities including serving as a World Health Organization (WHO) and Pan American Health Organization (PAHO) collaborating center for STDs, and collaboration with NIH, FDA, NCI, and other government agencies. The LRRB provides subject matter expertise to collaborative centers domestically and globally.

The position will involve working with the CT/MG and Molecular Surveillance of *T. pallidum* Units within the GC/CT and Syphilis Teams on the use of advanced molecular detection (AMD) methods (i.e., next generation sequencing and bioinformatics analysis) for molecular epidemiological studies, improving genotyping methods, and development of nucleic acid amplification tests (NAATs).

### **Duties and Responsibilities:**

- Performing bioinformatics analysis and whole genome sequencing on *T. pallidum* and *C. trachomatis*
- Performing phylogenetic analyses, identifying new diagnostic and genotyping targets using WGS data
  - Development, validation and implementation of bioinformatics workflows for streamlined analysis, quality control, and curation of WGS data
- Contributes to the scientific literature

### **Qualifications:**

- Doctoral degree (with minimum of 1 year of bioinformatics experience) in microbiology, biology, or other related scientific field of study.
- Training and experience in bioinformatics analysis and next generation sequencing is required.

- Training and experience in genomic analysis software as related to metagenomics and/or direct sequencing of bacterial pathogens in clinical samples is desired.
- Experience with curation of WGS data and associated metadata for public distribution is preferred.
- Training or experience in basic molecular biology techniques (e.g., nucleic acid extraction, PCR, sequencing) would be beneficial.
- Excellent communication skills, excellent organizational and analytical skills, ability to handle multiple priorities
- Excellent oral and written communication skills
- Ability to work collaboratively with multi-disciplinary teams

### How to Apply:

Interested applicants should submit the following to Katie Bowden ([wzi1@cdc.gov](mailto:wzi1@cdc.gov)) *by close of business (21 November 2018)*. Please include the text “**CDC-NCHHSTP-BIOINFORMATICS**” in the email subject line of all communications.

1. A one-page Cover Letter
2. Resume or CV

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### Selection/acceptance procedures:

Applications will be reviewed and there may possibly be interviews. CDC will not reimburse the candidate for expenses related to travel for an interview, and CDC will not cover expenses related to travel relocation fees for the selected candidate.

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**From:** Huang, Andrew (CDC/DDID/NCEZID/DFWED)  
**Sent:** Friday, November 16, 2018 2:54:25 PM  
**To:** McLean, Audrey Jeanine Abrams (CDC/DDID/NCHHSTP/DSTDP)  
**Subject:** Bioinformatician ORISE spot

Hi Jeanine,

A friend of mine, Nic Kovacs, who just wrapped up his bioinformatics PhD at Tech popped up asking about the ORISE bioinformatics spot that you all just closed. He was sad that he missed it and was wondering if he could still submit an applications. Would you know about that or know who might? Thanks!

11/18/2018

Gmail - Fw: Bioinformatician ORISE spot

Andrew