

# Introduction to Bioinformatics Techniques

- Virtual Workshop Miniseries -

**WHAT:** Are you interested in life science and data analytics and/or computing? Then this workshop is for you! This miniseries will introduce you to the growing field of Bioinformatics and its applications. We will discuss multiple current topics including covid, microbiome, and cancer and you will get the chance to run your own analyses.

**FOR WHO:** Any researcher at [Nevada INBRE's Partner Institutions](#) (CSN, DRI, GBC, NSC, SNU, TMCC, UNLV, UNR, WNC) interested in Bioinformatics. The workshop's intended audience are undergraduate students, but everyone is welcome to apply for participation. Space is limited and confirmation of participation will be required. Priority will be given to those participating in all three sessions.

**HIGHLIGHT:** Students participating in all three session will receive a *Certificate of Participation* granted by NV INBRE's Data Science Core as well as a Starbucks gift card.

**WHEN:** February 4<sup>th</sup>, 11<sup>th</sup>, and 18<sup>th</sup>, 11:00am – 2:30pm

Friday Feb 4 <sup>th</sup> , 2022	Seminar: Bioinformatics, what is that? Hands-on: Identification of new Covid strains
Friday Feb 11 <sup>th</sup> , 2022	Seminar: What's the deal with the (gut) microbiome? Hands-on: How antibiotics kill healthy gut bacteria
Friday Feb 18 <sup>th</sup> , 2022	Seminar: How to differentiate cancer types and severity Hands-on: Gaining insights into our genome

**ABOUT THE PRESENTERS:** This event is supported by Drs. [Tin Nguyen](#) (UNR), Dan Bergey (GBC), and the [Nevada Bioinformatics Center](#).

**INTERESTED:** Please complete the registration application [here](#) by January 28<sup>th</sup>. If you have questions about this event contact [nbc\\_training@unr.edu](mailto:nbc_training@unr.edu).

**ACK:** This event is made possible by grants from the National Institute of General Medical Sciences (GM103440 and GM104944) from the National Institutes of Health and grants by the National Science Foundation (2001385, 2019609).