

# The Keck Seminar

presents:

## Collection and Analysis of Patients EMR for Translational and Clinical Research to Address Emerging Challenges

Dr. Golovko is an expert in bioinformatics, genomics and computational biology with a particular interest in microbiomes, environmental metagenomics, and human, animal, and plant RNA and DNA sequencing and analysis. Specific areas of research include the development of new methods for the analysis and interpretation of high throughput DNA sequencing data, as well as new statistical and computational tools for its rapid analysis. Application of the DNA\RNA high throughput sequencing and design of the analytical tools and pipeline focusing on translational research in precision medicine. Other research interests are centered on investigating relationships among environmental exposures, the microbiome, genetic, and genomic biomarkers, combined with electronic health records to determine how they contribute to health outcomes in various diseases.. [Click here](#) to learn more.



**George Golovko, PhD**

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UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

**Friday, February 26, 2021**

**4:00 -5:00 pm CST**

**Gulf Coast Consortia**  
QUANTITATIVE BIOMEDICAL SCIENCES

[gulfcoastconsortia.org](http://gulfcoastconsortia.org)

Questions: Vanessa Herrera ([HERRERA@RICE.EDU](mailto:HERRERA@RICE.EDU))

**LINK to join:**

<https://riceuniversity.zoom.us/j/95484501087?pwd=SEJMT1VQd1Zjamx6RDcvMjM4Rm1PUT09> (Meeting ID: 954 8450 1087; Passcode: 244415)

OR [CLICK HERE](#) to REGISTER and add a calendar invite