Dr. Boryana Koseva
University of Kansas

1. Access to KU HPC

2. Education
   - *Individualized training*
   - *Workshops*

3. Bioinformatics support
   - *Consult on experimental design*
   - *Carry out data analysis*
     - *Differential gene expression*
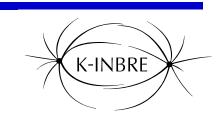   - *Genome assembly*
     - *Variant calling and population genomics*

Our services are <u>free</u> to Kansas researchers

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K-INBRE

Challenges	SDSC Summer Institute
1. Software Installation	• Singularity containers
2. Efficient use of HPC resources	• Python Parallelization • Job Arrays
3. Generating good reports	• Scientific visualization
4. Reproducible Research	• Talk to others