

Vanderbilt-Ingram Cancer Center (VICC)

Data Science Shared Resource (DSSR)

On-Demand Bioinformatics Course



Yu Shyr, PhD

[Experiment Design & Sample Size Estimation](#)

(AKA Power Analysis Overview)

17:22

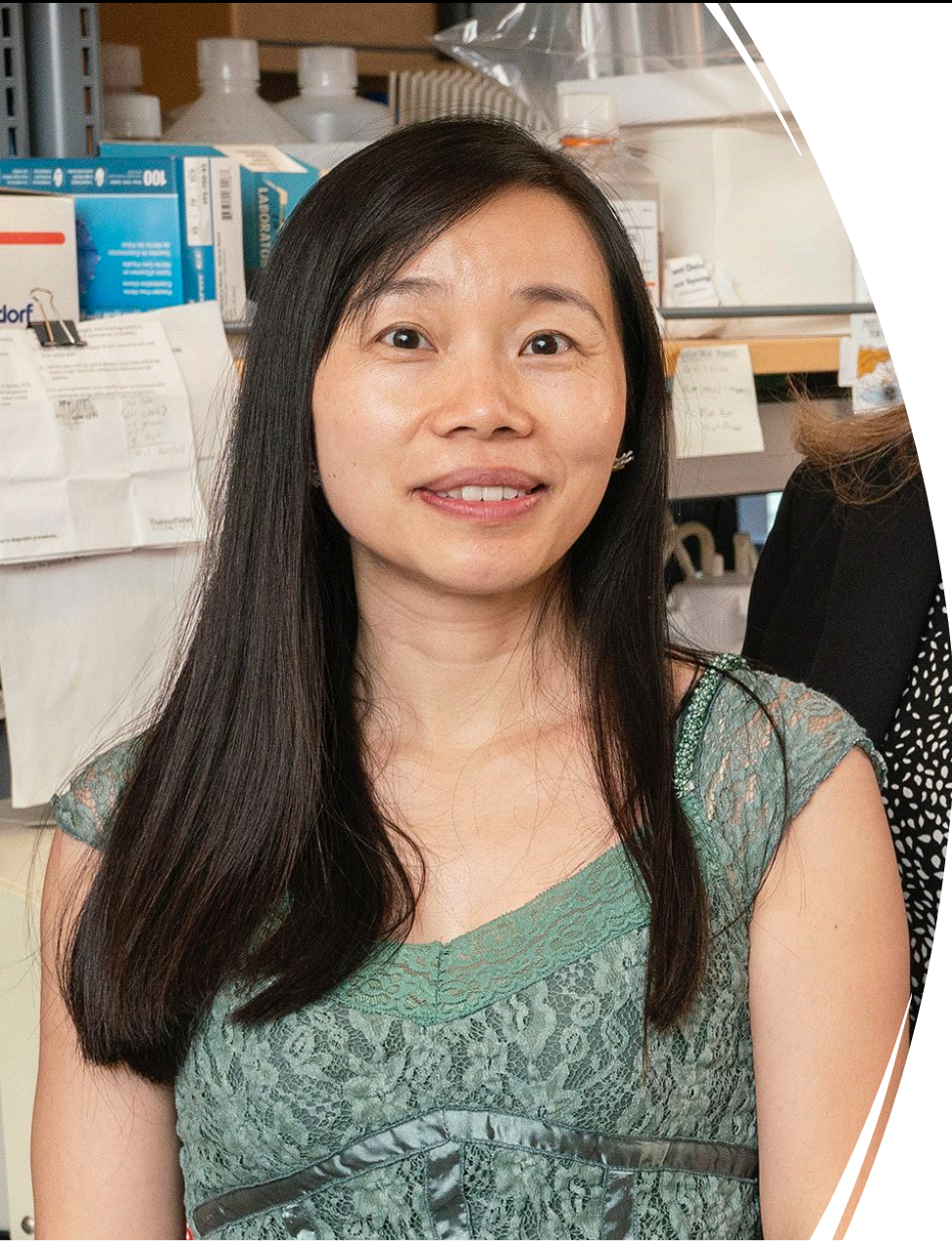
[Experiment Design & Sample Size Estimation II](#)

21:08

[Regression Analysis: Machine Learning](#)

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Education – DSSR On-Demand Bioinformatics Course



Qi Liu, PhD

<u>Next Generational Sequencing Data Analysis</u>	12:31
<u>Sequencing Data and Quality Control</u>	15:43
<u>RNA Sequencing Analysis</u>	17:06
<u>From Reads to Differential Expression</u>	17:01
<u>Function Interpretation</u>	13:00



Travis Osterman, DO, MS

<u>Creating Reports in REDCap</u>	3:05
<u>Organizing Projects in REDCap</u>	2:28
<u>REDCap Resources and Support</u>	2:31
<u>Data Sources: AACR GENIE</u>	2:32
<u>Data Sources: BioVU</u>	2:16
<u>How to Request Data from the Data Science Shared Resource (DSSR)</u>	1:47