

## Advanced Project Readings

Julie Hotopp

**Microbially-mediated epigenetic modifications alter host phenotypes**

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=2025384&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2025384&HistoricalAwards=false)

Keith R. Slotkin

**Revealing how epigenetic inheritance governs the environmental challenge response with transformative 3D genomics and machine learning**

Abstract URL: [https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1921724](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1921724)

Lydia Contreras

**Novel epitranscriptomics tools to understand and modulate interactions of modified RNAs with protein readers and erasers**

Abstract URL:

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=2022146&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2022146&HistoricalAwards=false)

Jeffrey Lozier

**Bumble bee cold tolerance across elevations - From epigenotype to phenotype across space, time, and levels of biological organization**

Abstract URL:

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1921585&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1921585&HistoricalAwards=false)

Kaushik Ragunathan

**Robustness and Adaptability of the Dynamic Epigenome: A Multiscale Approach**

Abstract URL:

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1921677&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1921677&HistoricalAwards=false)

Hollie Putnam

**Predicting phenotypic and eco-evolutionary consequences of environmental-energetic-epigenetic linkages**

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