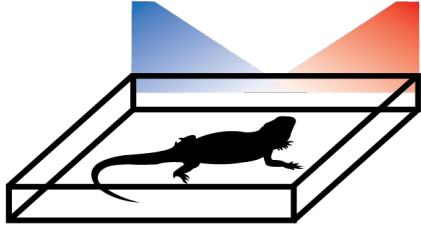
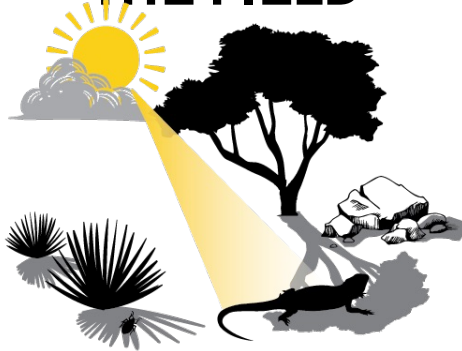


## A) LABORATORY GRADIENT



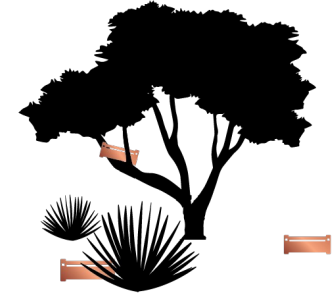
- Preferred body temperature ( $T_{set}$ )
- Surface temperature ( $T_{surf}$ ) vs. body temperature ( $T_b$ )

## B) ANIMALS IN THE FIELD



- Body temperature estimates ( $T_{b,predict}$ )
- Accelerometers for thermal performance curves (TPC) and activity

## C) ENVIROMENTAL TEMPERATURES



- Environmental temperatures ( $T_e$ )
- Habitat: open, partial shade, full shade, burrow, tree

## D) METRICS

Activity (min/h)  
Thermal optimum ( $T_{opt}$ )  
Maximum performance ( $P_{max}$ )  
Accuracy of thermoregulation ( $d_b$ )  
Effectiveness of thermoregulation (E)

## E) SURVIVAL