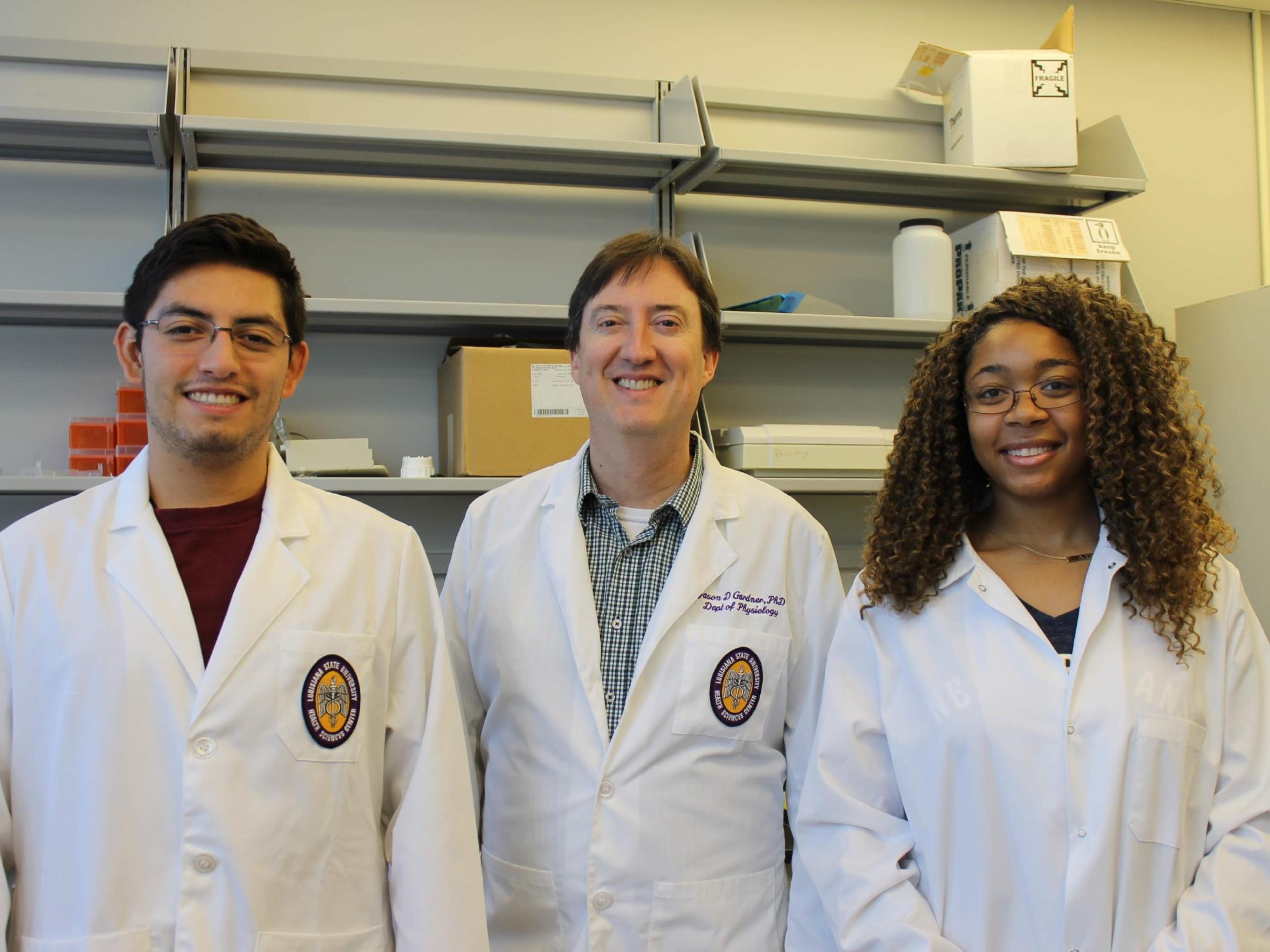
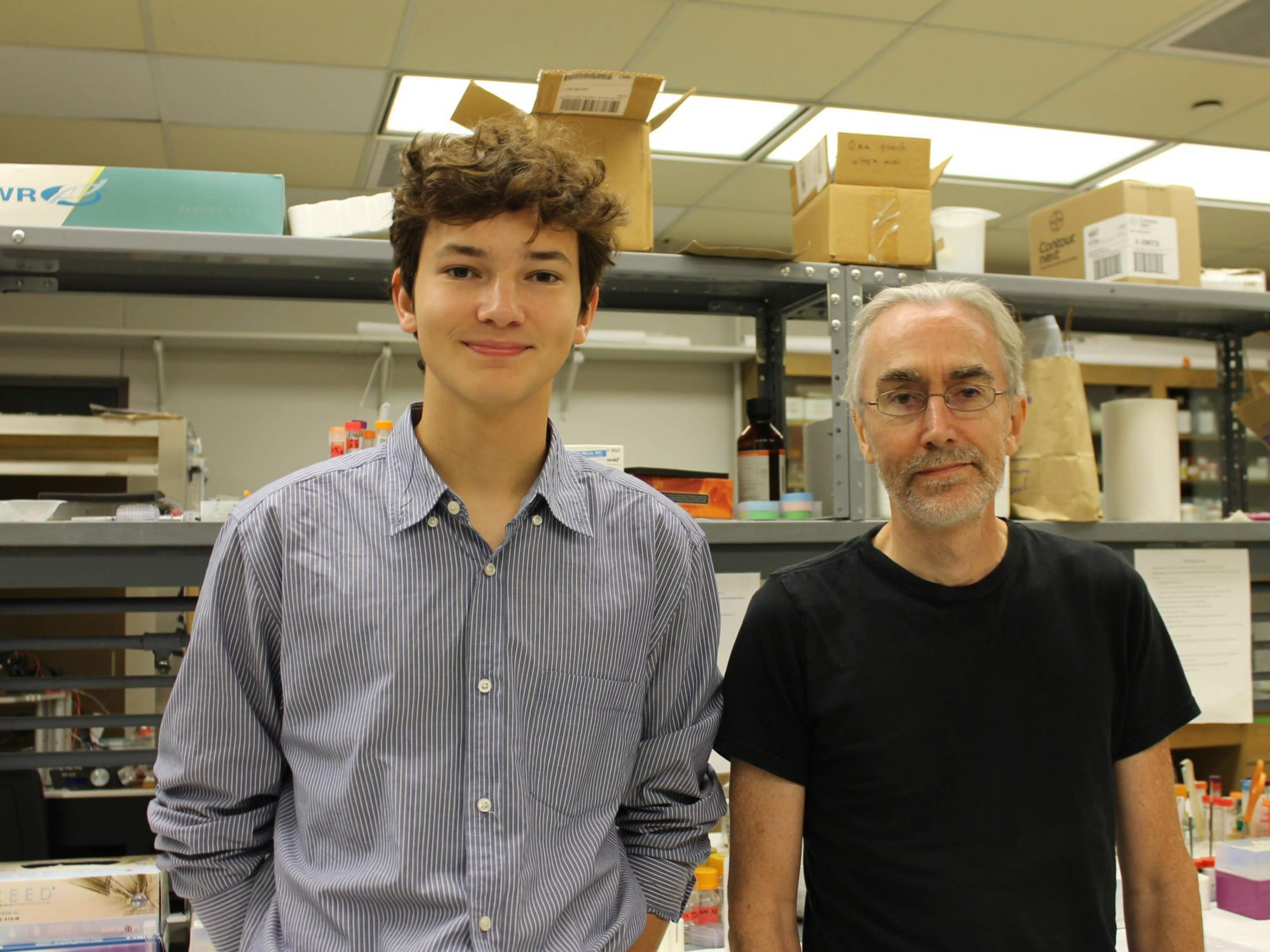
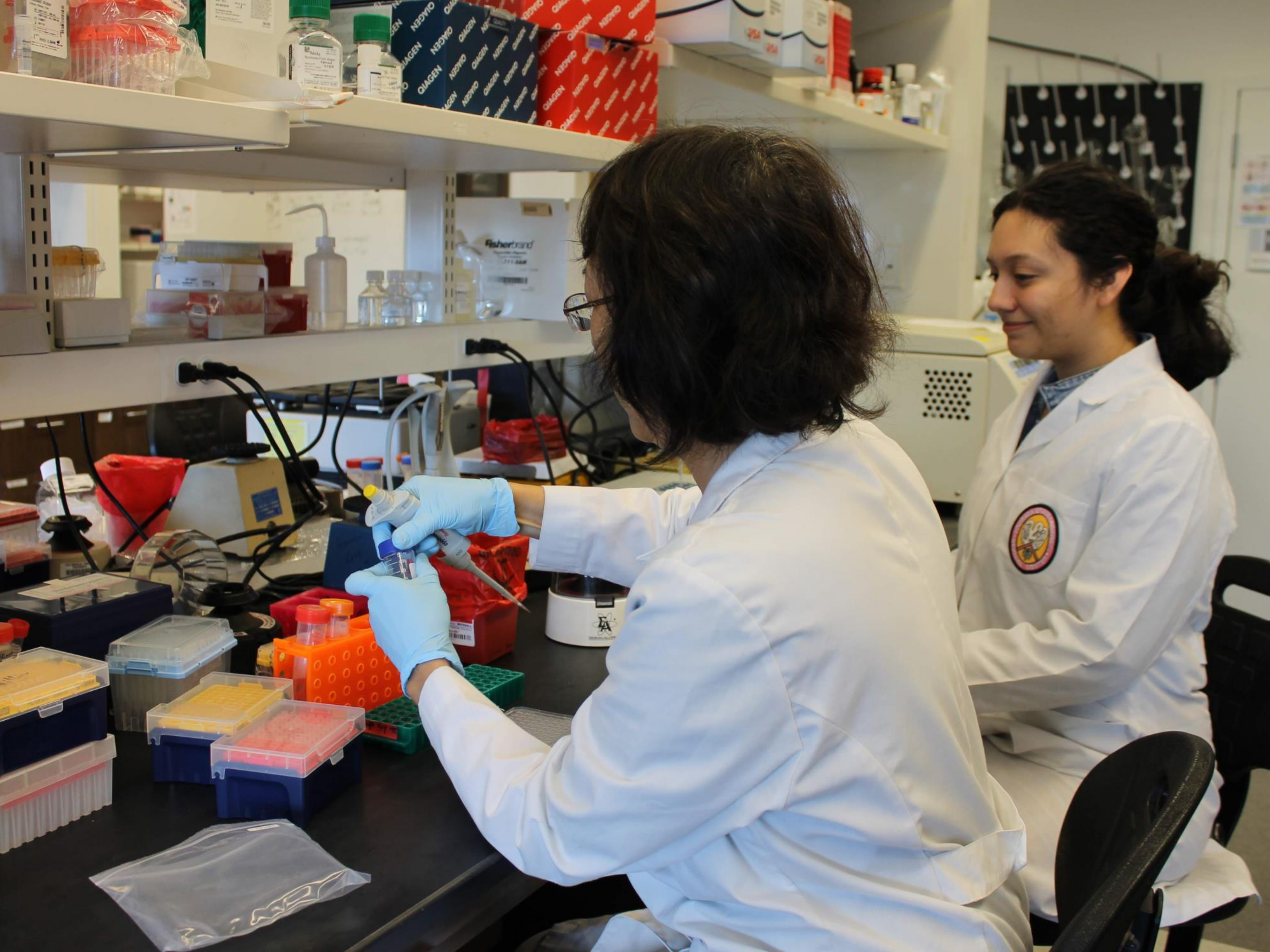
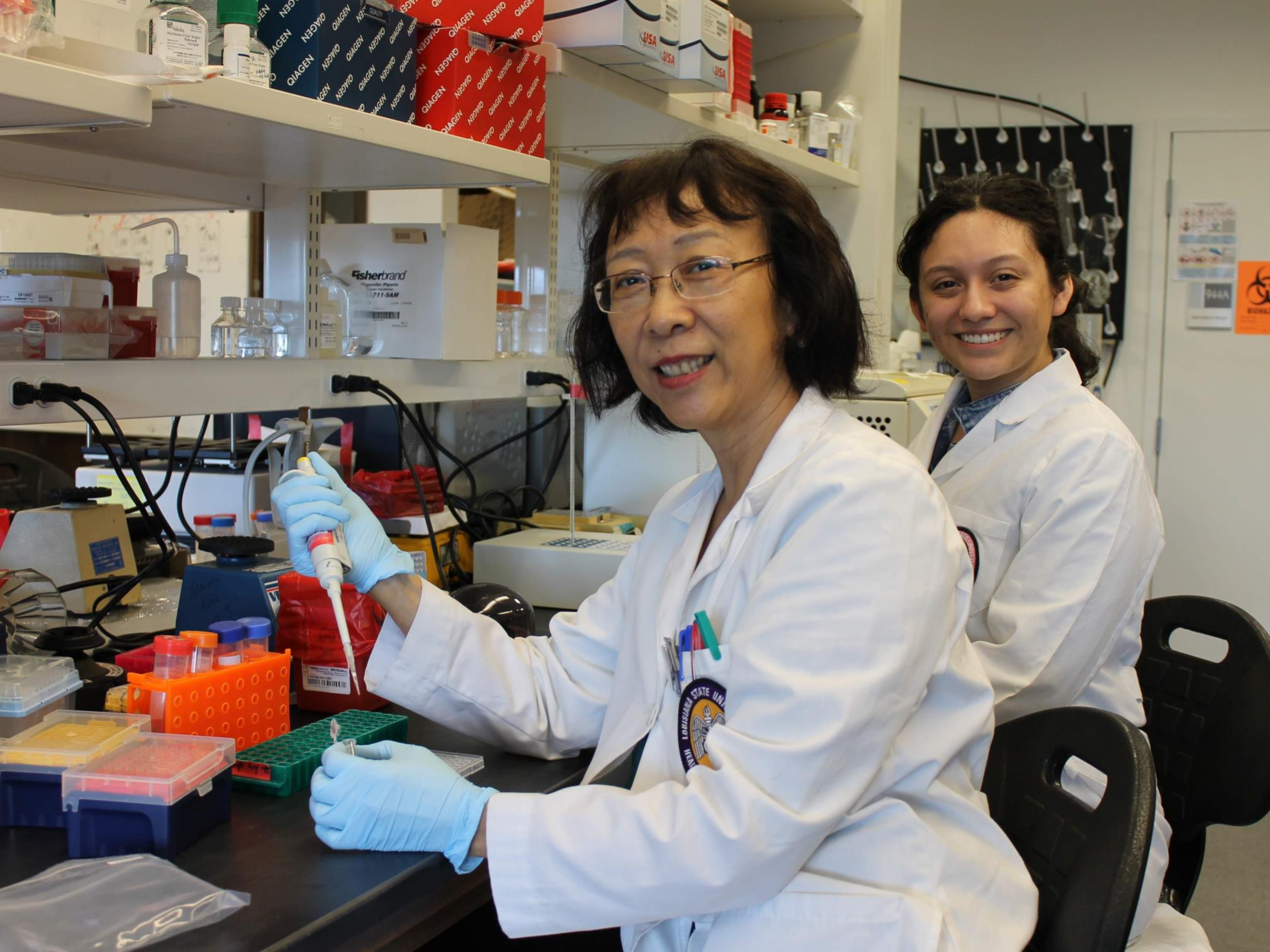

NEW ORLE


FRAGILE
ason D Gardner, PhD
Dept of Physiology
LOUISIANA STATE UNIVERSITY
HEALTH SCIENCES CENTER

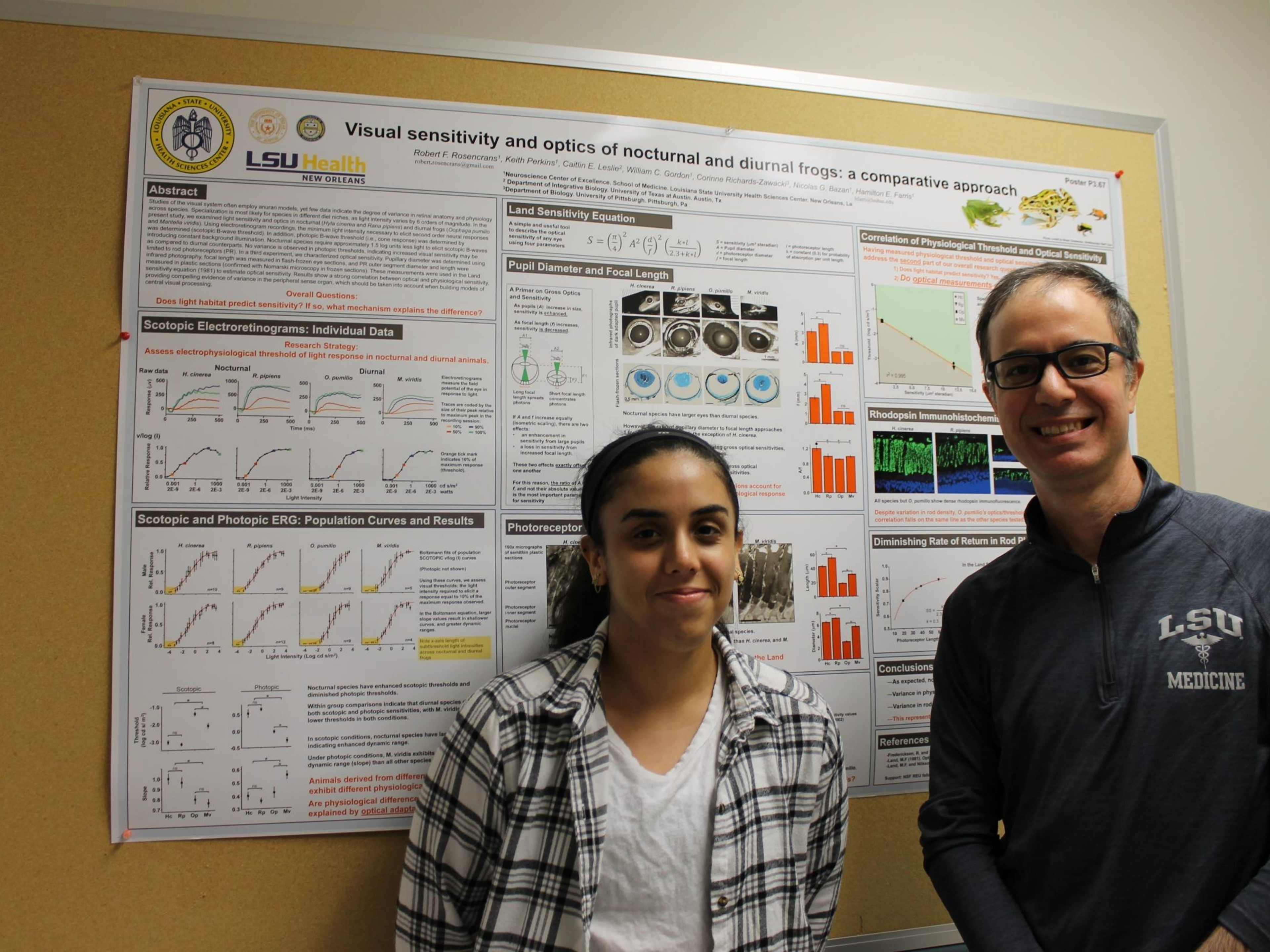



Fisherbrand


QIAGEN
fisherbrand


QIAGEN
Fisherbrand


RYOFVACCINES.ORG
DIPHTHERIA
HEPATITIS A
MUMPS
POLIO
TETANUS
VACCINES


Visual sensitivity and optics of nocturnal and diurnal frogs: a comparative approach
LSU Health NEW ORLEANS
Poster P3.67
Abstract
Overall Questions:
Does light habitat predict sensitivity? If so, what mechanism explains the difference?
Scotopic Electroretinograms: Individual Data
Research Strategy:
Assess electrophysiological threshold of light response in nocturnal and diurnal animals.
Nocturnal
Diurnal
Scotopic and Photopic ERG: Population Curves and Results
Land Sensitivity Equation
Pupil Diameter and Focal Length
Photoreceptor
Correlation of Physiological Threshold and Optical Sensitivity
Rhodopsin Immunohistochemi
Diminishing Rate of Return in Rod P
Conclusions
References
LSU
MEDICINE


LSU