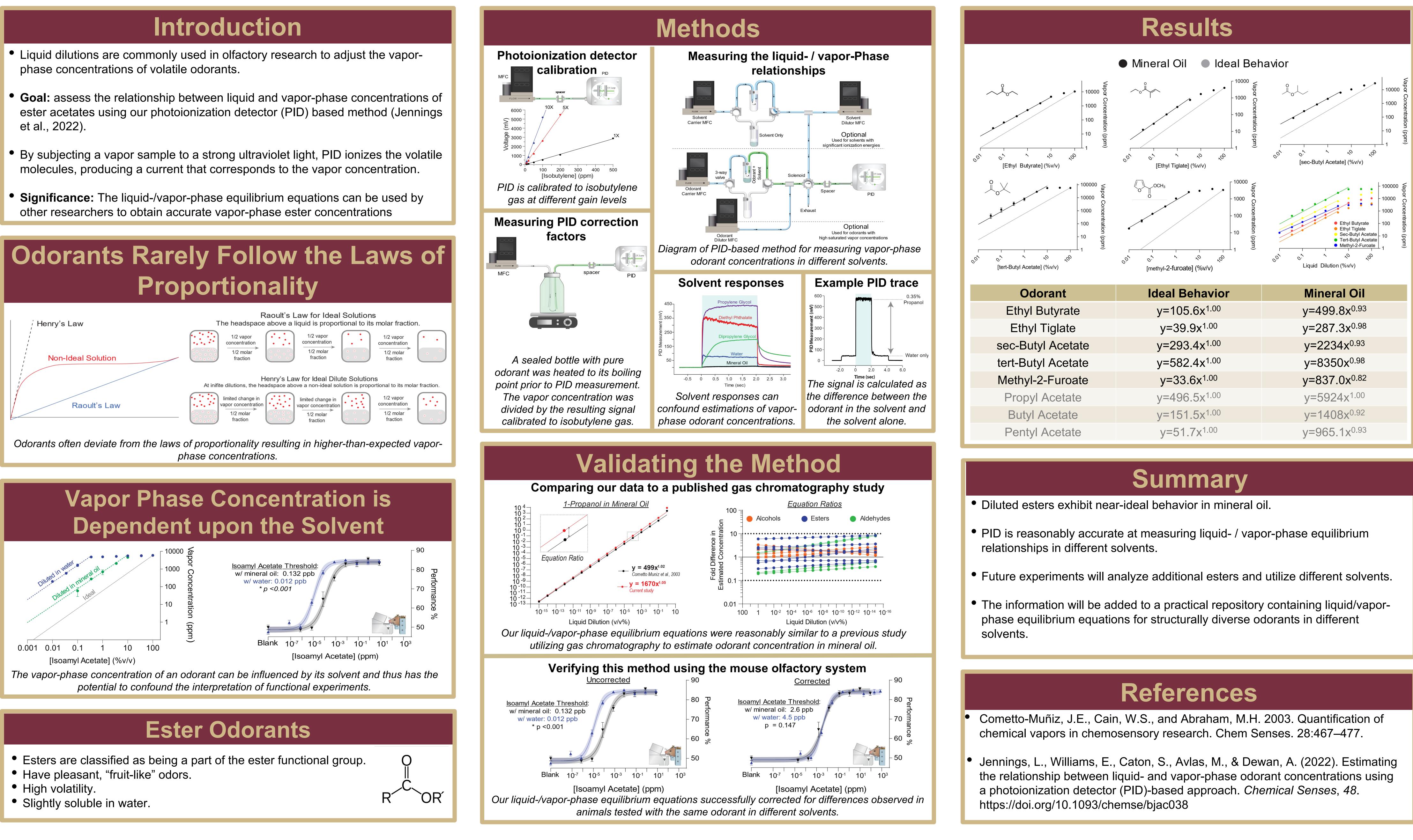
Measuring the Relationship Between Liquid and Vapor Phase Concentrations for Esters Diluted in Mineral Oil Using a Photoionization Detection-Based Approach



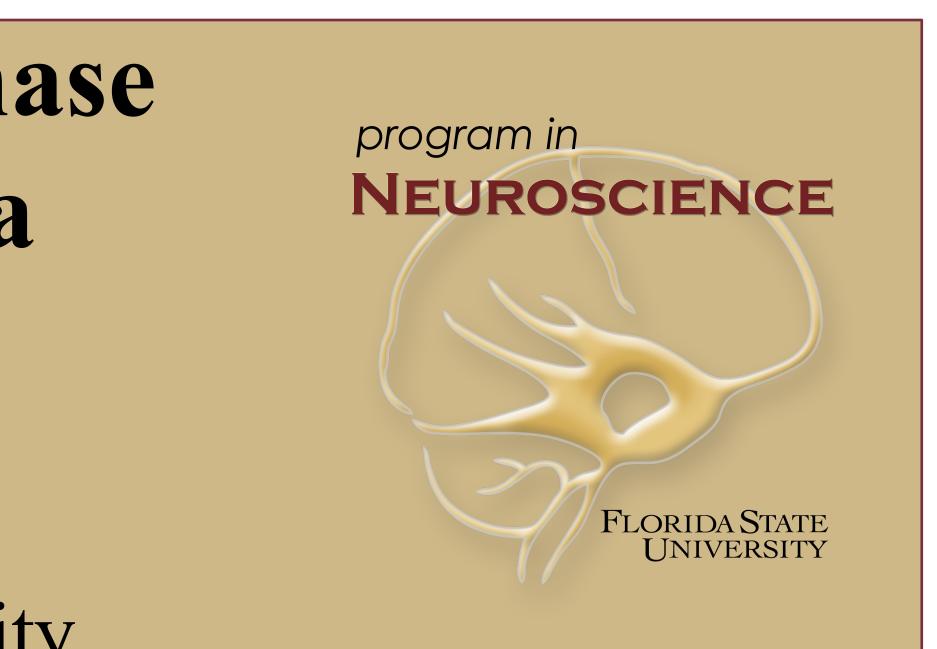
- phase concentrations of volatile odorants.
- et al., 2022).

Proportionality Henry's Law 1/2 vapor concentration •••• concentration 1/2 molar 1/2 molar Non-Ideal Solution fraction imited change in limited change ir Raoult's Law apor concentration apor concentratior 1/2 molar 1/2 molar fraction

phase concentrations.



Vinaya Mapitiyage, Austin Pauley, and Adam Dewan Department of Psychology and Program of Neuroscience, Florida State University



y=105.6x ^{1.00}	y=499.8x ^{0.93}
y=39.9x ^{1.00}	y=287.3x ^{0.98}
y=293.4x ^{1.00}	y=2234x ^{0.93}
y=582.4x ^{1.00}	y=8350x ^{0.98}
y=33.6x ^{1.00}	y=837.0x ^{0.82}
y=496.5x ^{1.00}	y=5924x ^{1.00}
y=151.5x ^{1.00}	y=1408x ^{0.92}
$y=151.5x^{1.00}$ $y=51.7x^{1.00}$	y=1408x ^{0.92} y=965.1x ^{0.93}