

PHYSICS JUNIOR I.S. REPORTS

TUESDAY MAY, 3 2022 11 A.M. TAYLOR 111

DEAN BROWN

Hitting Baseballs: It's not
Rocket Science

HARRISON CLAYMAN

Measuring Resistance Through
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DANIEL COHEN COBOS

Simulating a Die to explore
Chaos Theory

OLIVIA GREEN

Tabletop Interferometry: Using
Sound Waves as an Analogue
for Gravitational Waves

DAVIS PATTERSON

The Mechanics of Pole
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RAISA RAOFA

Investigating Displacement
Sensitivity of Michelson
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MICHAEL SCARBERRY

The Chaotic Candle Seesaw

JOHN SCHMIDT

An Experimental Determination
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Coefficient of a Miniature Pool
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CONNOR STREETER

Corroborating the inside-out
formation of disk galaxies at
 $z \approx 1$ through detailed
decomposition of their UV
and H α emission spectra

SARA WARGO

Use of a Nikon DSLR Camera to
Evaluate the Effect of
Moonlight on Nighttime
Visibility