

# FLORIDA STATE



# ACTUARIAL SCIENCE

$$A_{x:\overline{n}|}^1 = \frac{q(1-v^n \cdot p^n)}{q+i}$$

**Actuaries  
Do It With  
Models**

$$e_x = \frac{0-x}{2} = e_{x+\frac{1}{2}}$$

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$$A_{x:\overline{n}|}^1 = \frac{q+i}{q(1-v^n \cdot p^n)}$$