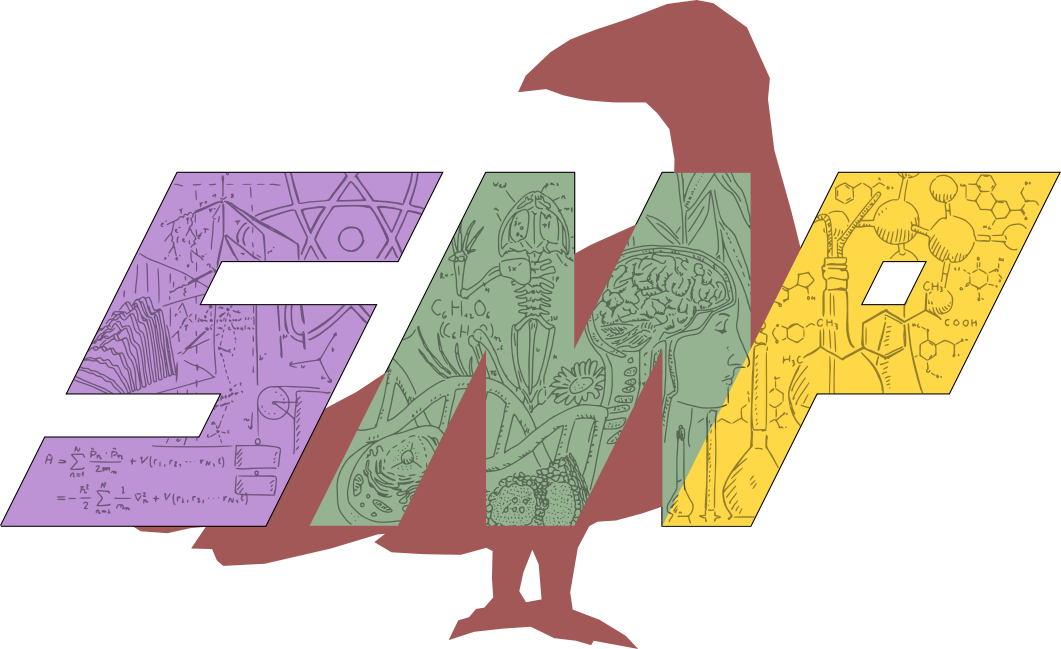
$\hat{H} = \sum_{n=1}^{N} \frac{\hat{P}_n \cdot \hat{P}_n}{2m_n} + V(r_1, r_2, \cdots r_N, t)$
$= -\frac{\hbar^2}{2} \sum_{n=1}^{N} \frac{1}{m_n} \nabla_n^2 + V(r_1, r_2, \cdots r_N, t)$
$C_6H_{12}O_6$
COOH