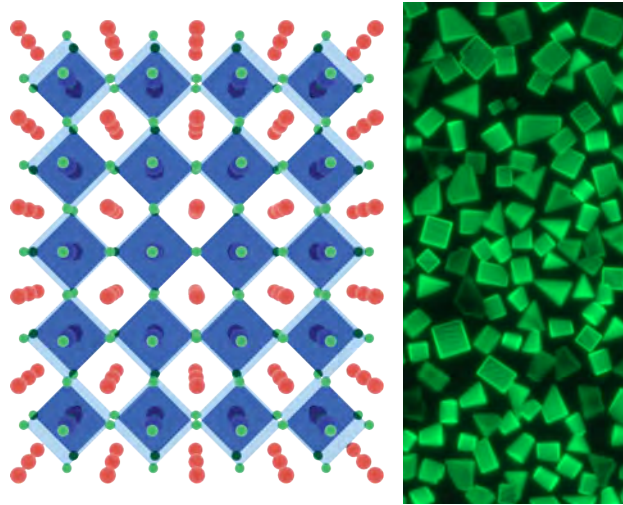
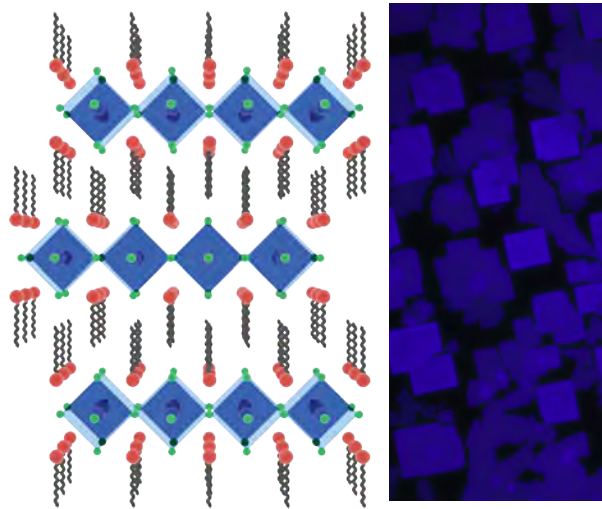


# Semiconductor Nanomaterials for Electrons, Light, and Energy

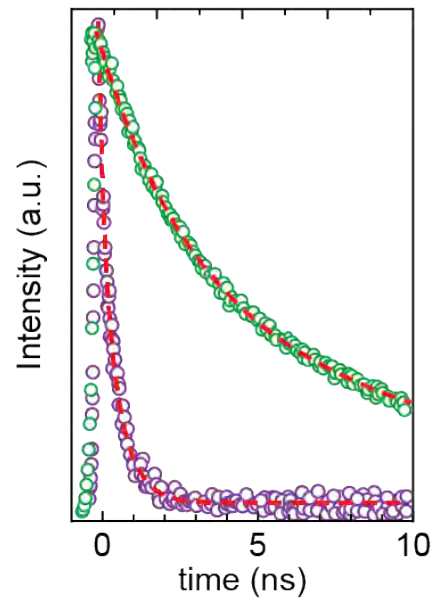
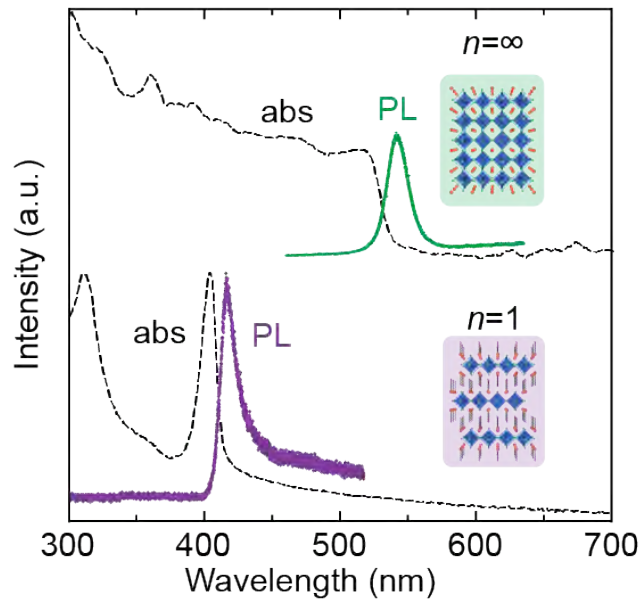
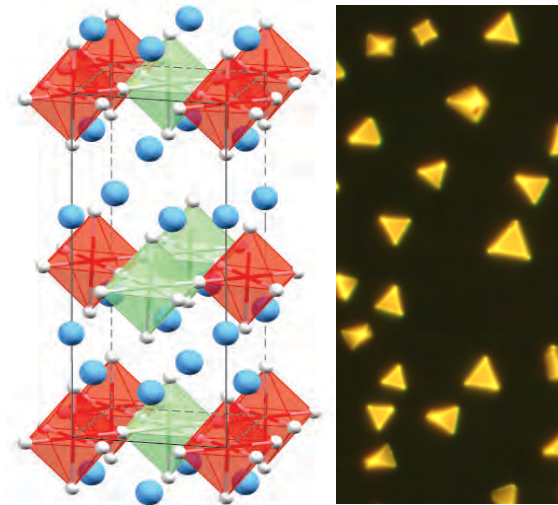
3D perovskite



Layered hybrid perovskite



Layered inorganic perovskite



## *Students will learn*

- Solid-state light emitters
- Nanomaterials synthesis
- Materials characterization
- UV-vis spectroscopy
- Fluorescence microscopy