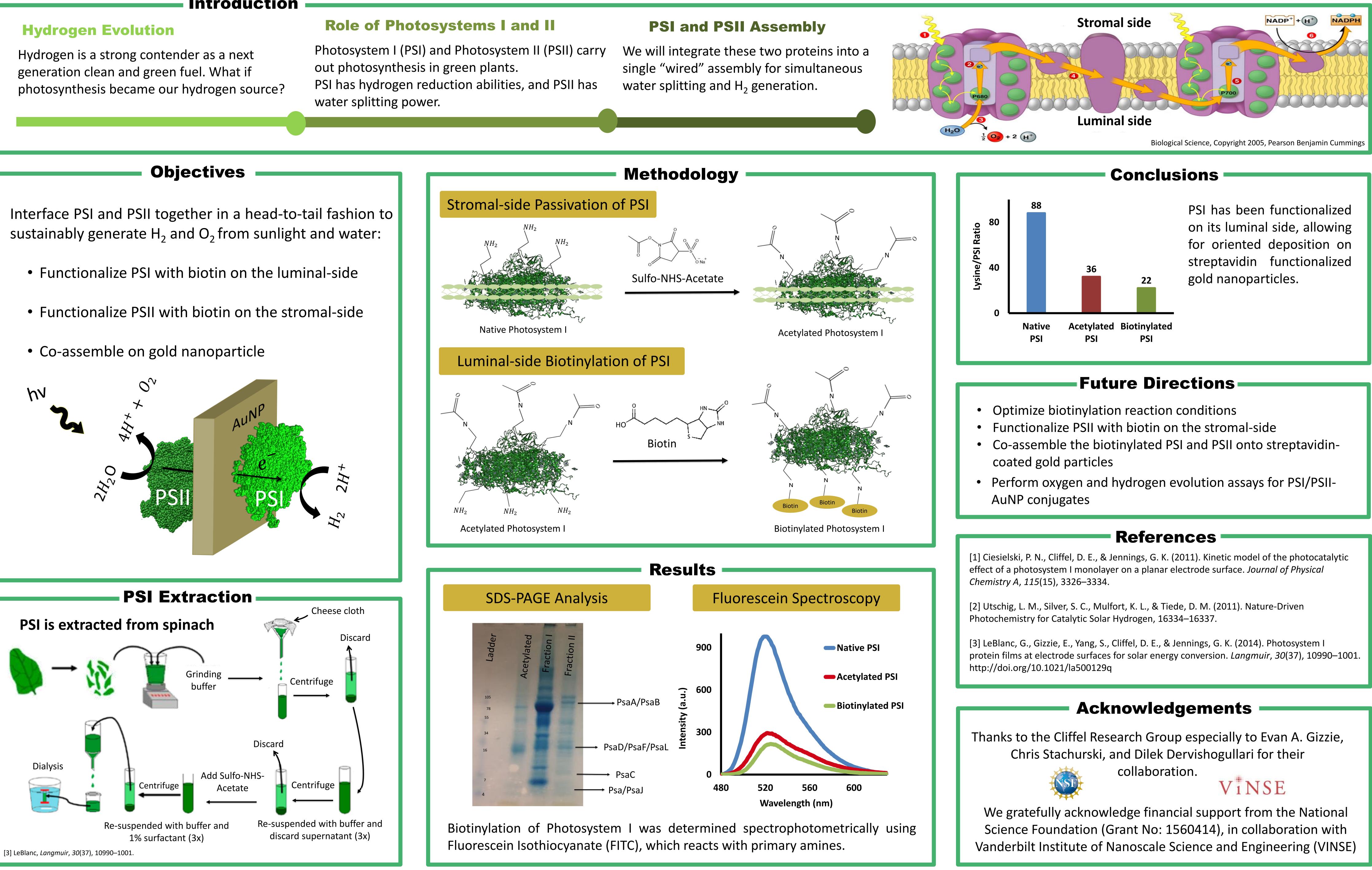


Introduction **Hydrogen Evolution** Hydrogen is a strong contender as a next out photosynthesis in green plants. generation clean and green fuel. What if photosynthesis became our hydrogen source? water splitting power. **Objectives** • Functionalize PSI with biotin on the luminal-side • Functionalize PSII with biotin on the stromal-side • Co-assemble on gold nanoparticle hV 2420



Oriented Interface of PSI and PSII for Solar Driven Hydrogen Evolution

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