High Impact Practices
Applied Learning and Faculty Engagement

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Benefits to Students & Benefits to Faculty

- The ability to apply what they have learned in past classes
  - Faculty member sees that what was taught in past classes had an impact
- Ownership of the project
  - Faculty member becomes mentor and guide
- Creative problem solving
  - Faculty member becomes collaborator
- Professional behavior due to professional expectations
  - Faculty member stays in partnership with the applied world
Benefits to Students & Benefits to Faculty

- Described as the most important learning experiences
- Described as the most rewarding teaching experiences
SUNY Serves Highlight

- **The 3D Print Club**
  - The 3D Print Club partnered with Half Hollow Hills Community Library in creating 3D printed prosthetic hands for needy children around the world
  - After presenting this work at LI Tech Day, they secured an industry request for 3D printed prototype parts
SUNY Serves Highlight

- ARC 282 Construction Design
  - 208 students have visited, sketched, measured, photographed and drafted existing condition drawings of 51 buildings for 7 non-profit community partners.
  - Aided Congressman Israel and the Town of Islip to achieve a $500,000 House of Appropriations grant to renovate 12 veterans’ facilities
  - Helped community partners with emergency preparedness for storms such as Super Storm Sandy
Thank you!