

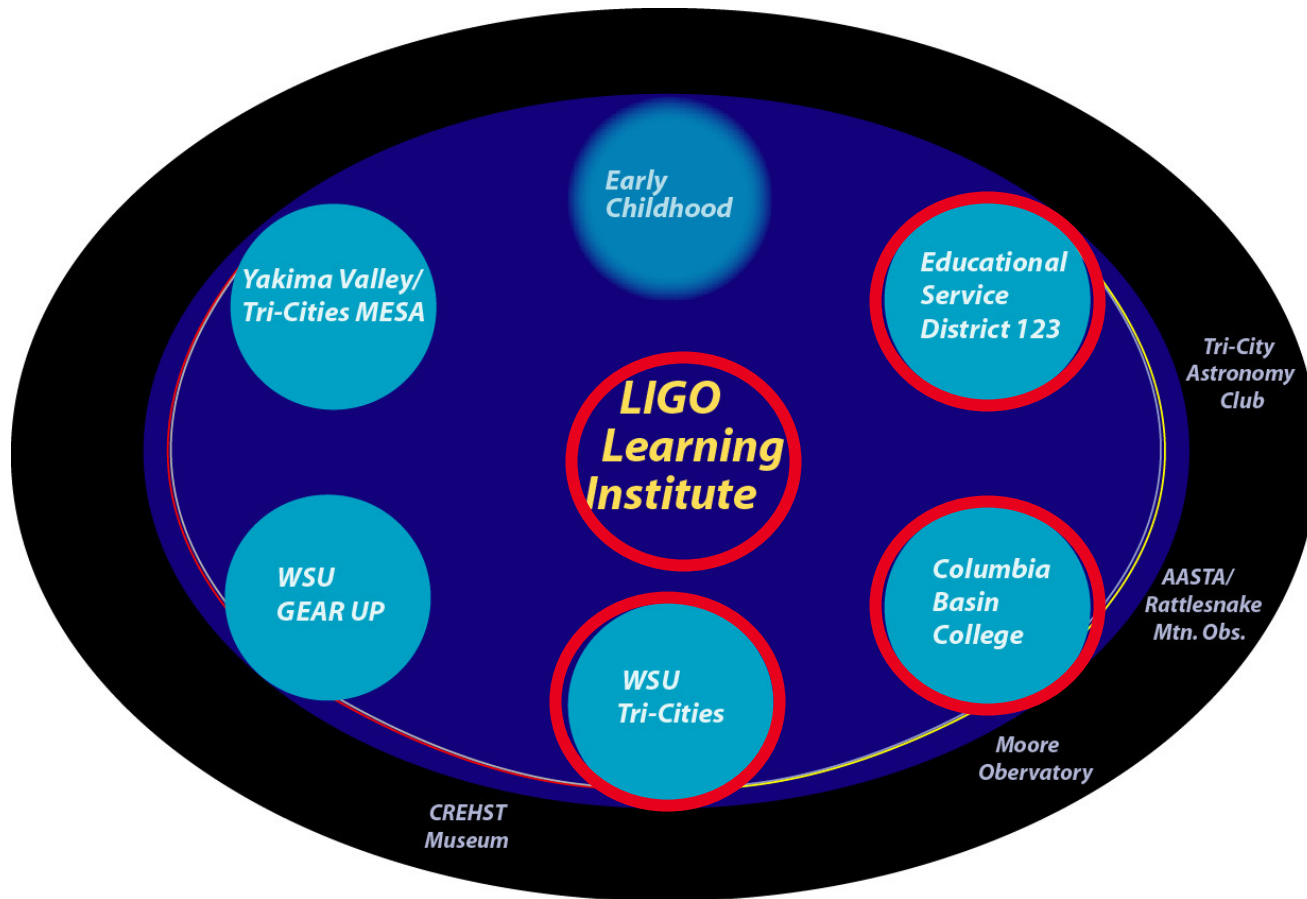
LIGO

Prospects for a Learning Center at LIGO Hanford Observatory

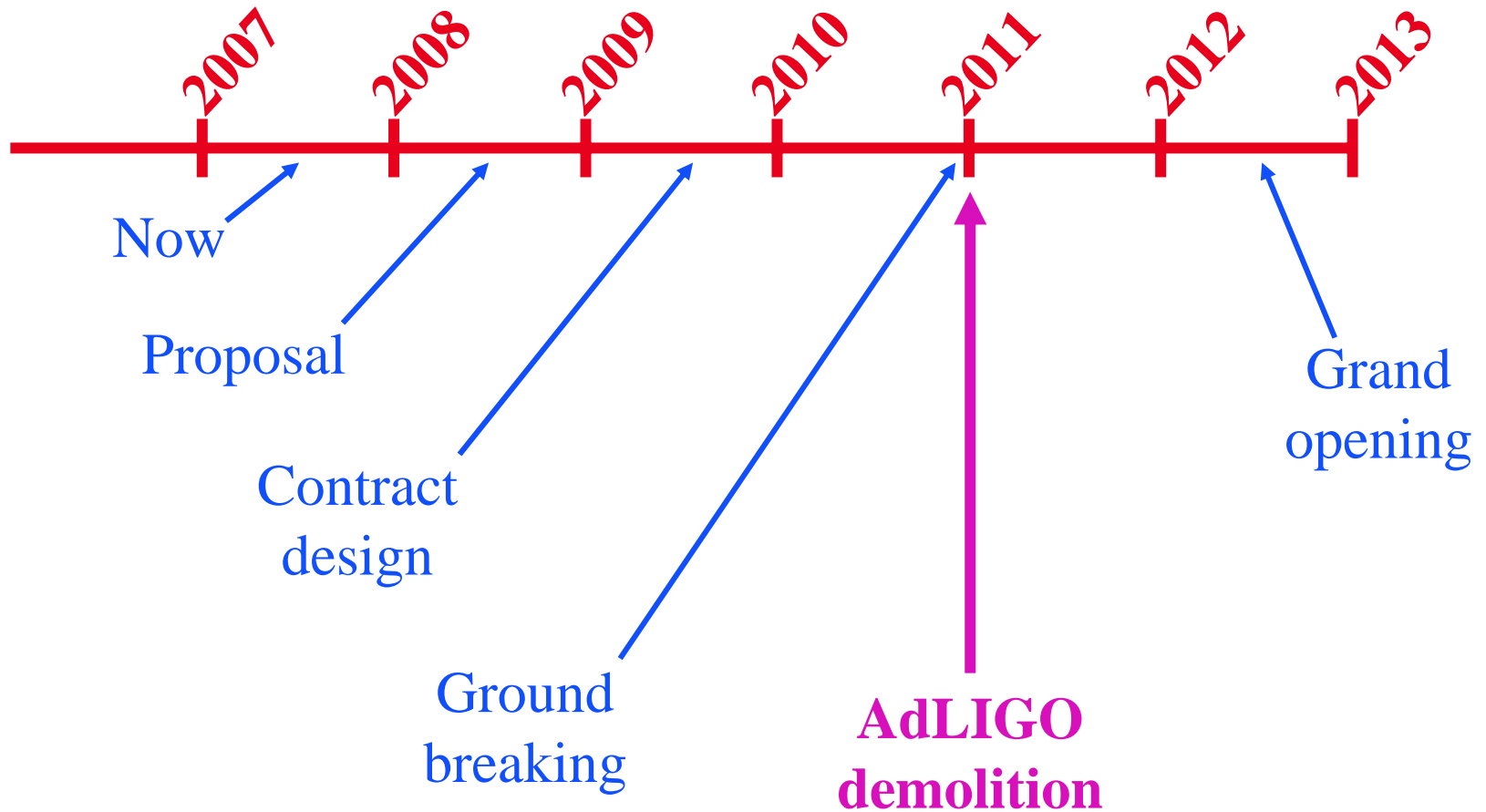


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Institutional Partners with commitment to lifelong learning...



Time is of the essence in execution of a science center at Hanford



The Campaign

- ✓ ● Exploratory discussions with CBC, ESD, WSU
- Exploratory discussions with NSF
- Broach subject with Exploratorium (also Inverness?)
- Joint meetings with partners
- Start white paper; proposal(s) will flow from this
- Begin rubber-chicken circuit to engage community
- MSP or Planning grant proposal?
- Internship grant proposal?
- TRIDEC Higher Ed “summit”
- Institute grant proposal

Washington State University Role in Institute

- **Benefits**

- » Position T&L dept. as a state-wide center of excellence
- » Strengthening of GEAR-UP, MESA capabilities
- » Possible avenue for Extension promoting early childhood science
- » Growth in student population and diversity
- » Growth in science/engineering departments

- **Responsibilities**

- » Continue integration between LIGO & pre-service training
- » Provide professional development courses
- » Extension collaboration on early childhood efforts
- » Joint administration of internship program
- » Adjunct appointments as appropriate
- » Joint hosting of workshops and seminars

Columbia Basin College Role in Institute

- **Benefits**

- » Strengthen formal course offerings in science/technical fields
- » Strengthen existing diversity and student-pipeline-building activities
- » Strengthen Moore Observatory capabilities
- » Growth in science/technical education opportunities for students

- **Responsibilities**

- » Joint administration of internship program
- » Integration between formal course offerings and Institute resources
- » Summer camp activities utilizing Institute
- » Integration between LIGO and Moore astronomy programs
- » Joint hosting of workshops and seminars

Educational Service District 123 Role in Institute

- **Benefits**

- » Enhances capability to promote science-literacy for schools, teachers and students
- » Enhances professional development offerings
- » Possible advancement of early childhood goals

- **Responsibilities**

- » Coordination with school districts
- » Coordination with other ESDs
- » Coordination with OSPI
- » Collaborate on professional development activities
- » Partner with schools to request state funds to support school visits and PD activities

Summary

- Powerful convergence of community and LIGO visions to build science & math literacy
- Powerful set of local partners ready to execute, if NSF feels this is a worthy enterprise
- Time is of the essence if we want to hide construction in the shadow of AdLIGO installation
- This timing also permits us to keep momentum going with the Exploratorium and perhaps Inverness
- This home for LIGO outreach should be in place as LIGO detections become commonplace