

Education Forum

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MSU - College of Arts & Architecture:

- Art
- Architecture
- Music
- MTA (Theatre Arts, Film, Video, Photography)

Developing Collaborations between CRLab and:

- **Library**
- **Technology Center**
- **Extended University**
- **Engineering and Construction Management**
- **Facilities Design Laboratory**
- **Land Resources and Environmental Science**
- **History**
- **Computer Science**
- **Education**
- **Business**
- **The Humanities**
- **Science, Cell / Plant**
- **Mathematical Sciences**
- **Microbiology**
- **Museum**

The Creative Research Lab focus areas:

- **Applied Research & Creative Projects**
- **Multi-disciplinary Collaboration**
- **Media Literacy**
- **Sustainable Community Design**
- **Prototyping in Virtual Environments**

In the Virtual Environment, Second Life

2005 ~ 1-12 Universities / Research

2006 ~ 80 Universities / Research

2007 ~ 200+ Universities / Research

2008 ~ 400 Universities / Research

2007:

- ✻ **NSF announces \$50 million program that includes funding for research/education in Virtual Environments.**
- ✻ **MacArthur Foundation launches \$50 million program that includes education/philanthropy in Virtual Environments.**

What is the CRLab direction?

The CRLab and the Science of Building

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**The CRLab and the Science of Building:
Ancient Buildings**

What is the CRLab direction?

**The CRLab and the Science of Building:
Ancient Buildings - Archaeology**

What is the CRLab direction?

The CRLab and the Science of Building:
Ancient Buildings - Archaeology
Historic Buildings

What is the CRLab direction?

The CRLab and the Science of Building:

Ancient Buildings - Archaeology

Historic Buildings - Historic Preservation

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The CRLab and the Science of Building:

Ancient Buildings - Archaeology

Historic Buildings - Historic Preservation

Current Buildings

What is the CRLab direction?

The CRLab and the Science of Building:

Ancient Buildings - Archaeology

Historic Buildings - Historic Preservation

Current Buildings - Design

What is the CRLab direction?

The CRLab and the Science of Building:

Ancient Buildings - Archaeology

Historic Buildings - Historic Preservation

Current Buildings - Design

Future Buildings

What is the CRLab direction?

The CRLab and the Science of Building:

Ancient Buildings - Archaeology

Historic Buildings - Historic Preservation

Current Buildings - Design

Future Buildings - Planning

What is the CRLab direction?

For each of these projects, we will be developing, and teaching about Knowledge-based Information Systems that can include IFC standards, Sustainable Design, life-cycle vision, and interoperability.

Our “outreach” will be web-based, oriented to all interest levels, K-12, Higher Ed, Continuing Ed, and professional.

CRLab wishes to collaborate with NIBS to raise awareness and knowledge of IFC, IAI, BIM, while doing applied research on BIM2.0.

After being a visiting lecturer in the CRLab,
a leading professor commented that in 30 years,
he had never been with students that were
so engaged in his presentation.....
and that it was like he was in the 21st Century
for the first time.

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