

LINC's STEM Digital Village

Results & SWOT Analysis

LINC, Phase II: STEM Digital Village (SDV)

SDV has delivered on the envisioned concept.

1. It warehouses numerous resources and tools aimed specifically at enriching opportunities for STEM scholars
 - Research Internship Opportunities
 - Scholarship Opportunities
 - Study Aids
 - Personal Development Tools
 - Graduate School Preparation

LINC, Phase II

2. SDV provides pictorial and audio/visual presentations on LINC's STEM scholars activities
 - Participation in national and regional research presentation competition
 - LINC graduates accomplishments
 - Other noteworthy accomplishments
 - Showcases STEM students' CPRL Recordings that demonstrate their grasp of STEM disciplines

LINC Phase II New Activity: STEM Digital Village (SDV)

(www.stemdigitalvillage.com)

SDV has been recognized as an innovative technology tool, with presentations on its construct and use given at the following venues:

- Technology in the Classroom. Langston University 8th Annual Research Symposium; Langston OK. May 8, 2008
- Student Centered Learning. 2010 National Conference on Learner-Centered Teaching. Langston University – Crowne Plaza, Tulsa, OK. April 12-14, 2010.

LINC Phase II New Activity: STEM Digital Village (SDV)

(www.stemdigitalvillage.com)

Results:

- SDV has over 3,000 members in its online community.
- The site has had over 33,000 visitors
- Opportunities:
- SDV can be used as a remote communications tool for a wide range of activities. It can support STEM student populations beyond Langston

SWOT Analysis: STEM DIGITAL VILLAGE

STRENGTHS & OPPORTUNITIES - STEM DIGITAL VILLAGE

STRENGTHS & WEAKNESSES - STEM DIGITAL VILLAGE

Social Media web platform resonates with target audience

Content highly relevant to target audience (showcases LU students' CPRL videos; videos of student participation [and winning] STEM events; study aids; knowledge base; access to grants, research internships, links to many points of interest, etc.)

Over 33,000 visitors and over 3,000 members

Serves as PR for LU and STEM studies

OPPORTUNITIES & THREATS - STEM DIGITAL VILLAGE

Instrument can link LU STEM programs to remote collaborators with an array of offerings, i.e. Mentoring, STEM content knowledge base, surveys, study tools, etc. It can link to other programs with screen sharing and other webinar capabilities

WEAKNESSES & THREATS: STEM DIGITAL VILLAGE

Instrument is underutilized: it can accommodate online surveys, private access sections for supervised communication, array of knowledge bases, special sections for special interests, etc.

**Community's content must be monitored.
Content must be kept current to retain relevance**