



Empire State

STEM Learning Network

Finger Lakes Regional Hub

Joint FAME Hiring & Training/Pipeline Committee

Monroe #1 BOCES
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Sara Silverstone, Ph.D.
Director
Finger Lakes Regional Hub
Empire State STEM Learning Network
ssilvers@EmpireSTEM-FL.org



History

Finger Lakes STEM Hub

- November, 2009 - Empire STEM Regional Dialogue at U of R
 - Initial Hub Steward – Rochester Area Colleges' center for Excellence in Math and Science
- December, 2010 - First Hub organizational meeting at RIT
- October, 2011 – Rochester Museum & Science Center became Hub Steward
- January, 2012 – Core Group developed Mission, Vision, Goals
- May, 2012 – Public Launch

Recent Accomplishments

Finger Lakes STEM Hub

- ‘What is STEM’ Video part of Empire STEM Design Toolkit
- Participated in launch of national network of state STEM networks – STEMx, Dallas, Tx, June, 2012
- Developed draft testimony for NY Education Reform Commission
- 2013-14 \$50,000 CTE Grant, Farash Foundation



Board of Champions

Finger Lakes STEM Hub

- **Kate Bennett, RMSC**
- **Dan White, Monroe #1 BOCES**
- **Joseph Marinelli, WFL BOCES (ret.)**
- **Sandy Parker, RBA**
- **Dan Burns, M&T Bank**
- **TBD, Time-Warner Cable**
- **Dee Kerr, VWR Education**
- **Rick Dastin, Xerox**
- **Joe Klein, Klein Steel**
- **Karen Benjamin, WorldLeaders**
- **Matthew Augustine, BioDrill
Technical Solutions**
- **Bill Destler, RIT**
- **Daan Braveman, Nazareth College**
- **Chris Dahl, SUNY Geneseo**
- **James Sunser, GCC**
- **Anne Kress, MCC**
- **Jonathan Franz, Empire State College**
- **Lisa Ryerson, Wells College**
- **Marvin McMickle,
Colgate Rochester Crozer Divinity School**
- **Stephen Philip Johnson, Cornell
University**
- **Jody Siegle, Monroe County School
Boards Association**

The Finger Lakes STEM Hub is a catalyst for collaboration among business, education, community organizations, government agencies and passionate individuals to advance the teaching and learning of science, technology, engineering and mathematics (STEM) disciplines for sustained economic vitality.

Vision

The Finger Lakes STEM Hub empowers learners to succeed in our rapidly changing world by leveraging community resources through collaborative innovation.



Goals

Finger Lakes STEM Hub

- Community Awareness and Involvement
- Professional Learning



- Student Impact



Community Awareness and Involvement

–to advance the importance of STEM education and careers by sharing information and best practices and by exciting and engaging stakeholders.

Accomplishments

Finger Lakes STEM Hub

Community Awareness and Involvement

Hub Launch – May, 2012, SJFC

Online communication tools

1. STEM Blog: fingerlakesstem.wordpress.com
2. Email list
3. Website: www.EmpireSTEM-FL.org
 - 110 pages, 500 visitors/week and growing

STEM Video contest

STEM Video Contest

Finger Lakes STEM Hub

Goal is to challenge students to understand why STEM is important to them and their future by engaging them in a creative media project.

- Launched in September, 2012
- April 30 – Awards Banquet – RMSC
- Seventeen entries from ten urban, rural & private schools

Student Impact

to identify and promote STEM activities and events that are engaging, exciting, empowering for students.

- Contribute information to the website
- Encourage participation of out-of-school educators
- Identify specific data impacting student success
- Promote and support the video contest

Professional Learning

-to provide educators with trans-disciplinary, inquiry-based, real world opportunities to enhance confidence and competence in preparing students for college and careers



Goals

Professional Learning

1. **Fall Conference: Friday, Oct. 24, *STEM Careers for the 21st Century***
2. **Teachers Leadership Program on career awareness**
3. Participation in local, regional and statewide conferences
4. Community calendar for disseminating regional teacher professional learning opportunities.