Why K-12 STEM Education?

- **Significant alumni interest:**
  - 75% of alumni surveyed believe that alumni involvement in STEM education is important.

- **Potential to engage new audiences:**
  - Family friendly and education activities will inspire parenting age alumni involvement. In addition, young alumni and the cardinal & gray alumni are enthusiastic participants.
Does your alumni club....?

- Have a lead K-12 Volunteer for the Club?
- Have several K-12 activities, meeting the needs of the local market?
- Gather interested alumni regularly to determine the right programs and implementation?
Clubs can host special events at regional FIRST programs

Clubs can work with local FIRST staff to organize alumni gatherings with topic of “How to Form a FIRST Team”

FRC Regional events are held in March and April, start planning today!

Promotional Video
FIRST Robotics (http://usfirst.org)
Science and Engineering Program for Teachers

- Clubs can sponsor teachers from their local area.

- Clubs can start a SEPT Fund and raise money to support teachers from alumni.
Clubs can encourage undergrads from their area to nominate teachers.

Clubs can celebrate teachers locally both at the teacher’s school and at a club event.

Clubs will hear about teachers named in their area in early February.
Clubs can encourage local high school students to apply as an InvenTeam.

Clubs can mentor a team selected in their area.

Clubs can provide funding for a team to attend Eurekafest! on campus.
Scratch Day is a worldwide network of gatherings, where people come together to meet other Scratchers, share projects and experiences, and learn more about Scratch.

Resources Available Online:
• Event Organizing Guide
• Workshop Design Guide
• Design Activities
• Promotional Materials
Tools for Volunteers

- **K-12 STEM Online Toolkit**
- **K-12 STEM Education Network**
  - Sign up online, get customized reports of alumni in your club area, **Now searchable in the Online Alumni Directory**
- **K-12 STEM Education Network on Facebook**
- **K-12 STEM Education Network on LinkedIn**

Follow us on Twitter @MITK12STEM
MIT Alumni Association

K-12 STEM Education in MIT Clubs
Mission: to help inform, connect and stimulate action amongst our alumni regarding MIT’s Energy, the Environment and Sustainability (EES) efforts.

Regional representation in six major cities

40 energy-related professors ready to share their exciting research with you

Led by Doug Spreng ’65
Kick-start your own event

- Work with the local Alumni Club or the Alumni Association
- Local collaborators are all around you
  - Businesses, universities, other organizations and alumni
- Ask for help
- Leverage the new MITEI program
Event Examples

- Energy Happy Hour (Washington DC)
- Lecture by MITEI researchers
- Panel of business professionals
  - NY, VC/PE energy panel
- Start-up pitch and networking
  - Boston, at new energy incubator
- Experts in the field
  - Boston, consultant presenting on their carbon research