

## Thank you to our SPONSORS

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National  
Science  
Foundation

Pennsylvania  
Infrastructure  
Technology  
Alliance



And a special thank you to all participating  
middle schools and high schools  
throughout the Lehigh Valley.

### **IT Assistants and Volunteer (tutors)**

**are recruited to help  
students with their  
homework during the  
Academic Sessions.**

**Curriculum is designed for  
students during the Summer  
Sessions. Students do  
various hands-on activities.**

**A field trip to a science  
center is planned during the  
summer.**

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### IT Projects

#### *Robotics (6th-7th grade)*

Rockets, Robotics & Web Design!

#### *Fuego Flash (8th-9th grade)*

Cool game Development using Flash

#### *Silver Light (10th-12th grade)*

Learn the basics of graphics, animation, and  
interaction thru MS.net & Silverlight  
Technologies

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**Launch-IT Program  
Information Technology  
Lehigh University  
Office of Academic Outreach**

**Dr. Glenn Blank, PI  
Dr. Henry Odi, Co-PI**

LAUNCH-IT INFORMATION TECHNOLOGY

## **LAUNCH-IT** Information Technology



*Launching at risk  
students toward  
college and  
careers in  
information  
technology (IT).*

Hosted at Lehigh University  
Bethlehem, PA

[www.lehigh.edu/launchit](http://www.lehigh.edu/launchit)



## 1st Three Years

### Enrollment

Summer 2007	55 Students
Fall/Spring 2007/08	75 Students
Summer 2008	65 Students
Fall/Spring 2008/2009	75 Students
Summer 2009	85 Students

### **Recruiting at risk, minority, female students**

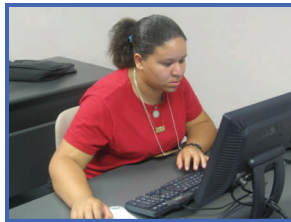
- At risk in terms of grades, family, schools
- Inner city schools in Bethlehem, Allentown, and Easton
- 22% African-American, 49% Hispanic
- 38% Female participants

### **Evaluation results are promising**

- Student satisfaction w/ computing activities (3.5/4)
- Rubric ratings for project design (3/4)
- Recruiting & retention high and improving

## Launch-IT Program offers

- One-on-one mentoring/tutoring
- One Launch-IT session/month throughout the academic year
- A three-week summer program
- Local IT professional guest speakers
- Field-trips to local businesses and on-campus lab visits
- Presentations to prepare students to strive to become college bound (Admissions, Diversity Recruitment, Financial Aid, Career Services)
- Transportation for Students (to & from Launch-IT)
- Breakfast & Lunch
- If accepted, students attend Launch-IT free of charge (complements of our sponsors NSF & PITA)
- Access to cutting edge technology (Robotics, multimedia e-learning & tutoring systems)
- Introduction to current IT tools & skills (Flash, ActionScript, Java, DreamWeaver)
- SAT & AP prep for college
- Use of Lehigh University's multimedia facilities (Computer labs & multimedia teaching rooms)



## Student Registration for LAUNCH-IT

Visit our website at [www.lehigh.edu/launchit](http://www.lehigh.edu/launchit)

### Download a student application.

\*Students must apply separately for the academic session and summer program.

## Launch-IT Mission

Launch-IT provides a year-round academic program and a summer program where students are exposed to a diverse range of IT inspired projects & activities to inspire and challenge young minds. Students work with college professors, certified teachers throughout the Lehigh Valley, IT professionals, and undergraduate & graduate students from colleges in the Lehigh Valley area.

In order to promote and support academic achievement in the classroom, Launch-IT students have tutoring sessions every Launch-IT Saturday with college students & teachers, in addition to classroom curriculum.

To empower students to strive to be college-bound, Launch-IT students will be inundated with information about college through guest presentations about the admissions process, financial aid, & career services.

With continued parental involvement, support from local middle & high schools, and the enthusiasm and work ethic of our Launch-IT teaching teams, we are driven to launch students into their academic futures with confidence & curiosity.

## Launch-IT

*Launching at risk students towards college & careers in Information Technology.*

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