

Media Kit

iisME *Bringing Excitement and Relevance to Education*
Industry Initiatives for Science and Math Education

Contact Information

Tisha Bacigalupi
tbacigalupi@iisme.org
408-553-2239

2010 San Francisco Bay Area IISME Sponsors:

	# of Teachers
Adobe Systems	1
Applied Materials, Inc.	10
BD Biosciences	1
Cisco Systems, Inc.	3
Coherent, Inc.	1
Cordis Corporation	2
Dow Chemical Company	1
EMC Corporation	1
Fairchild Semiconductor	1
Genentech, Inc.	1
Gladstone Institutes	1
Hewlett-Packard Company	2
IBM	5
Integrated Device Technology, Inc.	2
Intel Corporation	7
Intevac, Inc.	1
Intuitive Surgical, Inc.	1
KLA-Tencor Corporation	2
Lawrence Berkeley National Laboratory	6
LifeScan, Inc.	1
Life Technologies Corporation	3
Lockheed Martin Space Systems Company	20
Lucile Packard Children's Hospital	1
Mattson Technology	1
MiaSolé	1
MoSys, Inc.	1
National Semiconductor Corporation	1
Renesas Electronics America	1
SanDisk Corporation	1
Santa Clara University	1
SETI Institute	1
Silicon Valley Leadership Group	1
SolFocus, Inc.	1
SRI International	3
Stanford University	24
SVB Financial Group	2
Synopsys, Inc.	12
UC Berkeley	4
UC San Francisco	2

IISME is now in the San Diego Area!

In 2010 IISME expanded to the San Diego area. **Life Technologies, Lockheed Martin Information Systems and Global Services, and Nordson ASYMTEK** are hosting four teachers in IISME Summer Fellowships.

IISME Summer Fellowship Program

Industry Initiatives for Science and Math Education (IISME) was founded in 1985 by a consortium of San Francisco Bay Area companies in partnership with the Lawrence Hall of Science at the University of California at Berkeley. IISME exists to address the critical need for a strong, highly-skilled workforce in the STEM fields (Science, Technology, Engineering, and Math). This industry-education partnership focuses on teachers as the primary agents for effecting meaningful change in our schools.

IISME Fellowships provide K-16 teachers with unique, meaningful professional development by exposing them to today's industry and research environments.

IISME Fellowships have a positive impact on teacher retention, teacher leadership, National Board Certification rates, and teacher performance in the classroom. IISME Fellowships provide teachers exposure to the practical applications of the subjects they teach allowing them to incorporate more relevance into their curriculum.

Through the Summer Fellowship Program, IISME also provides companies and universities with skilled, cost-effective, professional, summer employees. Sponsors experience a direct way to reach their future workforce through one-to-one contact with teachers.

In 2010:

- 41 Organizations are hosting Teacher Fellows.
- 142 Teachers are holding IISME Fellowships.
- 25% of the Teacher Fellows are from high need schools.
- Overall 64 organizations are supporting the 2010 Summer Fellowship Program.

Since 1985:

- 354 companies, foundations, universities and government agencies have provided critical support to the IISME Summer Fellowship Program.
- IISME has awarded 2,815 Summer Fellowships to teachers from 626 schools and 121 districts in our service area.
- IISME Teacher Fellows have reached over 2 million students.

Industry Initiatives for Science and Math Education (IISME)
5301 Stevens Creek Blvd.
PO Box 58059: MS WO
Santa Clara, CA 95052-8059
Phone: 408-553-2239 Fax: 408-553-2889
www.iisme.org

2010 San Diego Area Fellowship Projects



Life Technologies - Research Scientist-Prodigy

The Fellow is working on two related projects on the Prodigy Instrument. The Fellow is assisting with the development of an alternative assay media for us in the instrument and investigating an unusual anomaly termed “golf balls” seen on some results generated by the instrument.



Lockheed Martin Information Systems and Global Services - AMF Engineering Technical Assistant

The Fellow is assisting the Engineering Team to meet design goals and planning for the flight test. The Fellow is spending time interfacing with the virtual engineering team, learning about engineering management, participating in team and Integrated Product Team (IPT) meetings, technical requirements closure, technical writing and deliverables, and planning for the flight test.

Lockheed Martin Information Systems and Global Services - Engineering Technical Assistant

The Fellow is assisting in completing and reviewing technical whitepapers, database management, and implementation of web-based applications. The Fellow is spending time in engineering management, interfacing and shadowing various leads from robotic, unmanned systems, sensor, database, and web-based application projects. The teacher is also reviewing and assisting with the development of technical whitepapers, as well as presentations on robotics to help shape the robotics industry.



Nordson ASYMTEK - Mechanical Lab Technician

The Fellow is testing and validating the technical performance of product prior to its delivery to customers/sales team. The tasks include assembly of mechanical components, using computers to enter parameters, recording and collecting data in excel. The Fellow is also writing reports based on the collected data.