

Eyes on **iISME**

February 2008

A quarterly publication
of IISME

Over \$21,000 in Grants Awarded to 2007 Fellows by the IISME Fund For Innovation.



Fund for Innovation Grants were awarded to twenty-four very deserving IISME Fellows at a celebration on

November 14, 2007. The Fund for Innovation (FFI) is a competitive grant program open to all IISME Fellows designed to inspire and enable them to implement innovative technologies,

2007 FFI Grant Recipients:

Michael Allen, Jefferson Elementary. S.D.
 Violet Bandong, San Mateo Union High S.D.
 Elizabeth Brooking, W. Contra Costa Unified S.D.
 Alyson Butcher, West Valley-Mission C.C.D.
 Rob Curry, Berryessa Union S.D.
 Stephanie Darrough-Butler, Oakland Unified S.D.
 Tina Doss, Sequoia Union HS S.D.
 Ellen Fasman, Mt. Diablo Unified S.D.
 Nicole Gorin, Livermore Valley Jt. Unified S.D.
 Patrice Green, San Jose Unified S.D.
 Quyen Han, Milpitas Unified S.D.
 Angela Knotts, Sequoia Union HS S.D.
 Bonnie Lake, San Bruno Park S.D.
 Emily Lauer, San Jose Unified S.D.
 William Menkin, Moreland S.D.
 Kimberly Namek, Alum Rock S.D.
 Dan Raffa, Sequoia Union HS S.D.
 Deirdre Robinson, Oakland Unified S.D.
 Stephanie Ruzicka, Fremont Unified S.D.
 Denise Ryall, Gilroy Unified S.D.
 Pamela Skilj, Santa Clara Unified S.D.
 Denise Sughayar, Livermore Valley Jt. Unified S.D.
 Karyn Voldstad, Sequoia Union HS S.D.
 Janice Yee, Fremont Union HS S.D.

experiences, and teaching strategies in their classrooms. IISME is proud to offer the FFI program and support educators in their never-ending quest to enhance instruction.

The grants were used for many purposes including: National Board Certification, laboratory equipment, document cameras, computers and computer equipment, digital cameras and camera equipment, curriculum and software, and field trips (to Muir Woods, Lawrence Berkeley Labs, NUMMI, and Chabot Science and Space Center).



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IISME Partners with LEED to Launch Fellowship Pilot in Sacramento

IISME is proud to announce our partnership with Linking Education and Economic Development (LEED) and the pilot of IISME's Summer Fellowship Program in Sacramento this summer. LEED is a non-profit economic development organization representing six counties in the Sacramento Region. LEED's goal to build partnerships between business, labor, education, community, and

government ties in wonderfully with IISME's mission and we are very excited to expand our Summer Fellowship Program to the Sacramento region. The goal for this summer is to place twenty-five high school teachers in Fellowships in six Sacramento counties.



Bon Voyage Kaye!



It is with a heavy heart and tremendous gratitude that we remove Kaye Storm's name from the IISME Staff list. Though it's very hard to imagine IISME life without her, IISME's very first staff member recently accepted an offer to head up the Office of Science Outreach at Stanford University.

After more than 20 years of devoted service to IISME, Kaye Storm began her new professional journey at Stanford in January. While we're very sorry to see her go, we are really excited for her and wish her well in this new adventure. We're also happy that she will now be the IISME Coordinator at Stanford, so we'll continue to work with her to place teachers in science research Fellowships there. Additionally, the entire IISME Community will benefit from Kaye's guidance and leadership in her new role as a member of the IISME Board of Directors.

IISME founders, current and past board members, members of the

Senior Advisory Council and others with whom Kaye has worked closely over the years will gather at the home of long time IISME Board member Dr. Harry Garland on Feb 13th to honor Kaye, and her 20 years of dedicated service to IISME and the education community. Kaye leaves quite a legacy and we have much to celebrate.

On behalf of the entire IISME Community, thanks so much for your tremendous service Kaye! You have been an inspiration to us all.

2007 Teachers Reflect on the Summer Fellowship Program:

It was an enriching and challenging experience for me. I felt very supported and the collaboration with staff and fellow teachers was excellent.

–Lesia Whitehurst,
Berkeley Lab



Once again, IISME provided me with one of the most meaningful professional development experiences of my career. This experience has changed the way I conceptualize my

students' career options - post high school and/or college!

–Paul Kilkenny,
Alza Corp.



I'm telling you, it made me a better human being. My mentor really changed my life, how I view science and teaching altogether. I'm so lucky to have found IISME!!!

–Miguel Baldoni,
Santa Clara University



IISME is the best professional development experience I've ever had, hands down! The Fellowship at Stanford was phenomenal. I have never felt more valued and respected as a teacher and the lessons I've learned from the experience will be surely taught in my classroom. Now I return to my classroom with renewed vigor to further science education. Thank you for this great opportunity, I hope to be able to sign up again next summer.

–John Servanda,
Stanford University



This was my best summer ever. I love the projects I worked on and am amazed at what I, an educator, am capable of!

–Amanda Checchio,
National Semiconductor



It was a great experience. I learned a lot about how the science I am teaching my students will someday be used. I learned about important skills that my students will need to know when they go out into the workforce (i.e. teamwork, communication, presentation skills).

–Nicole Gorin, Lockheed Martin Space Systems Company



Overall my experience in the IISME program has been a great success. I received a rare opportunity to look in to the world of a semiconductor corporation. I learned about cutting-edge technologies and movements that impact our future. I bring back to my classroom a better sense of the science and math knowledge needed to fill the jobs in the field of engineering.

– Paulette Smith, Applied Materials



APPLIED MATERIALS®



Adobe Youth Voices

IISME is excited to announce that Adobe Youth Voices will be one of the workshops

available at our 2008 Mid-Summer Meeting. Adobe Youth Voices is an innovative philanthropic partnership whose chief purpose is to use numerous technologies to encourage, engage, and empower underserved middle and high school age youth to comment on and affect their communities. The technologies include video, digital art, web, animation, multimedia, and audio tools; these allow youth to gain important skills like creative thinking, effective communication,

and an ability to work collaboratively.

Adobe Youth Voices is a partnership of many impressive groups. First, the Education Development Center (EDC) is conducting an ongoing evaluation of the program to monitor progress toward measurable goals. Youth and teacher outcomes will both be documented. Adobe Youth Voices has also joined forces with the Human Rights Watch International Film Festival to create the Youth Producing Challenge, the first program exclusive to media produced by youth. Other partners include the Educational Video Center (EVC), Listen Up!, What Kids Can Do (WKCD), Arts Engine, Inc., and iLEARN.

invited to join a yearlong professional development program. This program allows the educators to gain new skills and strategies to help their students use these digital tools to create meaningful products. In addition, the teachers get to collaborate with other educators and experts in the field of youth media.

Adobe has made a serious commitment to this endeavor, over \$10 million dollars in cash, software, and global support over five years. There are many resources being made available to educators including free and low-cost resources to help encourage the integration of technology both in and out of the classroom. In addition, competitive grants will be available.

Source: www.adobe.com/aboutadobe/philanthropy/youthvoices

One key aspect of the Adobe Youth Voices effort is the professional development of educators who can reach out to these middle and high school age youth. The teachers are

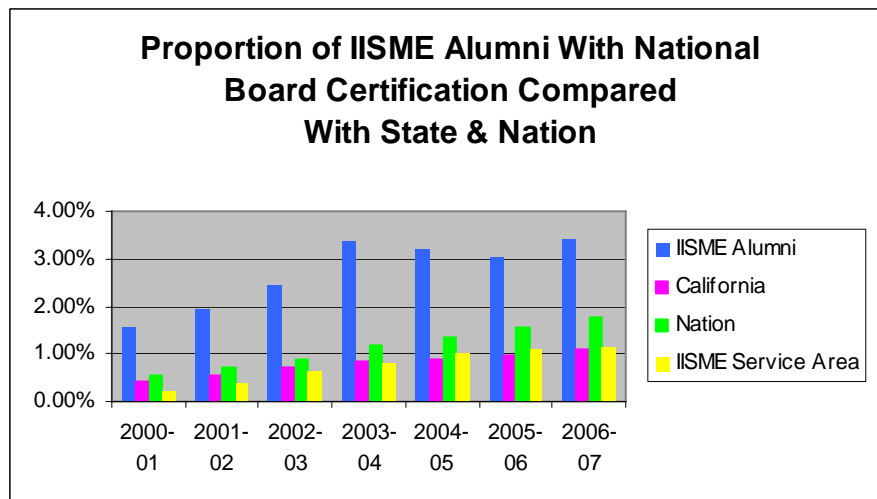
IISME Welcomes New Staff Member, Kristen Harrison



Kristen joins IISME as the new Education Manager. She brings six years of experience teaching biology, physical science, and advanced math at the high school

level, as well as experience as a high school Activities Director. Kristen also brings with her a passion for curriculum development, and a desire to be an advocate, and resource for teachers. Kristen holds a BS in Biology with minors in English Literature and Mathematics from the University of Puget Sound as well as a Masters in Teacher Education from Eastern Oregon University. In her spare time, Kristen enjoys traveling, hiking, and photography.

IISME Fellows Gain National Board Certification



2008 Program News

The IISME Community Website

IISME is launching the IISME Community Website for all Fellows in 2008. It is an online space for sharing the IISME experience with other Fellows and collaborating to create great ETP ideas and lesson plans. The site fosters online community building such as instant messaging, blogging, and web-based email. Fellows build their lessons online and when complete, those lessons enter the new searchable database of ETPs.

Graduate Credit Available

Completing an IISME Summer Fellowship provides the opportunity to earn 6 extension credits through the University of San Diego's Division of Continuing Education.



IISME Fellow becomes a Published Author

Congratulations to 2007 IISME Fellow, Kenny Silva, who recently published his first novel, *The Card*.

For more information, go to Kenny's website:
<http://freewebs.com/kennysilva>



Important Dates

- March–May: Teachers can view available Fellowship opportunities and are highly encouraged to express written interest in specific Fellowships
- March-May: Sponsors review resumes, interview applicants, and offer Fellowships.
- May 31: 2008 Program Orientation (Option 1)
- June 14: 2008 Program Orientation (Option 2)
- June 16: Summer Fellowships Begin
- July 16: Mid-Summer Meeting
- August 7: End of Summer Celebration
- Aug. 8: Summer Fellowships End



SUBSCRIBE TO IISME-L!

Want to stay on top of the latest and greatest opportunities available to Bay Area teachers?

Join IISME-L for regular postings of grants, workshops, and events for educators.

<http://lists1.safesecureweb.com/mailman/listinfo/iisme-l>

About IISME

IISME transforms teaching and learning through paid summer Fellowships. IISME provides Bay Area K-16 teachers with experiences and tools they need to update their content knowledge and adapt their teaching practices in order to prepare their students to be lifelong learners, responsible citizens, and productive employees.

IISME Summer Fellowships remove teachers for an extended period from the culture of education to immerse them in the culture of industry and research and allow them to become contributors in this new environment. This is key to the transformational nature of IISME's unique type of professional development.

IISME engages the resources of the Bay Area's high performance corporate workplaces and research institutions—especially the expertise of their scientists, engineers and technologists—and involves them in the process of improving education, one teacher at a time.



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