SAN JOSE STATE UNIVERSITY
STUDENT CHAPTER

FUNDING PROPOSAL
2009-2010

SAN JOSÉ STATE UNIVERSITY
ONE Washington Square
San Jose, CA 95192-0083
Dear Prospective Sponsor,

The Earthquake Engineering Research Institute San Jose State University Student Chapter invites you to become a sponsor of our 2009-2010 programs. Your tax-deductible contribution will introduce students from a wide variety of engineering and science disciplines to the exciting field of earthquake engineering. Your sponsorship will support chapter activities such as active fault tours, research laboratory tours, professional seminars, the Seismic Design Competition, community outreach programs and more. These activities provide students at San Jose State University with a hands-on experience that enhances their engineering knowledge, introduces them to an exciting multi-disciplinary field, and connects them with their local community.

Our chapter began last February, and since its creation we have quadrupled our membership, conducted successful field trips, hosted expert lectures from industry leaders, led laboratory tours for K-12 students, and administered our first K-12 outreach program. We are proud that all of our initial activities were performed effectively on a limited budget.

Our first semester was a success, but we have greater aspirations for the 2009-2010 school year. We plan to further expand our membership, by recruiting from different departments to create a multi-disciplinary network of earthquake engineers and scientists. We also intend to expand our community outreach program and promote earthquake engineering to K-12 schools in our surrounding community. All of our goals for the coming year coincide with our main mission: promoting knowledge of earthquake engineering to our university and the local community.

Your sponsorship will help us achieve our goals. Our estimated budget for the upcoming year is $7,875. We can receive up to $3,000 from San Jose State University and $575 from EERI. That leaves $4,300 we hope to raise through private partnerships. Our success depends on your contribution. Attached is a packet that explains our organization’s budget, scope, and plans for the upcoming year. If you have additional questions, please feel free to contact President, Bryce Lloyd, Vice President Anh Duong, or Treasurer Marguerite White. We hope we can develop a partnership with you for the upcoming year and into the future.

Sincerely,

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Anh Q. Duong  
Vice President  
(408) 623-4141  
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Marguerite White  
Treasurer  
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margueritew@hotmail.com
Industry professionals and experts from academia give lectures and workshops to our members expanding and complementing their knowledge of earthquake engineering. The topics discussed cover a broad range of subjects about or related to earthquake engineering. The presenters are all hand selected for their proven industry expertise and excellence in lecturing. Our latest presentation was on seismic retrofit techniques.

EERI-SJSU provides hands-on experiences for its members by conducting field trips to sites related to earthquake engineering. Members see for themselves the companies, construction sites, research facilities, and geographical locations. Recent field trips include a tour of the Hayward fault and a tour of the Berkeley Richmond Field Station.

Officers and members of the chapter are encouraged to attend professional seminars about or related to the field of earthquake engineering. Our members receive the latest news and knowledge of earthquake engineering as well as an opportunity to develop their professional networks. Our most recent seminar was the L’Aquila earthquake briefing in San Francisco.
**SOCIAL EVENTS**

Various social events are offered by the chapter to encourage students to join and to develop the relationships among our members. These events provide a basis for recruitment and also a space for networking and team building. Our last social event was our recruitment kick-off bowling night.

**PUBLIC LAB TOURS**

To promote earthquake engineering to K-12 students and the local community, EERI-SJSU conducts laboratory tours to K-12 classes, prospective college students, and their families. Our lab tours provide a visual and hands-on introduction to earthquake engineering and help students of all ages develop an interest in the field.

**COMPETITIONS**

To gain more experience in earthquake engineering outside of the classroom, members participate in regional and national earthquake engineering competitions. The competitions help members develop their teamwork and leadership skills while challenging their engineering knowledge and creativity. Members of the EERI-SJSU student chapter hope to compete and perform well in several competitions in the upcoming year.
Our outreach program promotes earthquake engineering to K-12 students as well as the broader local community. Through our outreach program we hope to offer K-12 students an interesting and fun introduction to earthquake engineering, and, in many cases, engineering in general. We hope that the students will develop an interest in the field and encourage them to attend a four-year college.

In many instances, children in K-12 have little knowledge of or misconceptions about majoring or working in the engineering field. This may deter them from pursuing engineering in college or as a career, even when they might be perfect candidates for it. We hope that by introducing them to the field in a fun and informative way, we can encourage them to consider engineering as a future option.

For our first community outreach program, the EERI-SJSU Student Chapter held an earthquake-engineering workshop at a local high school. The competition made use of a shake table and student built structures to help the students develop an understanding of earthquake resistant design. We visited two classes and conducted the building and testing over a period of two days.

The students had little to no knowledge about earthquake engineering or engineering in general before the event. Subsequently, many students were heard debating technical aspects of their designs. The students had fun; the teachers and administrators were impressed. We feel rewarded by the successful experience and hope that it helped some students discover the fun and interesting field of earthquake engineering.

We plan to expand our outreach program this upcoming year both in size and scope. We hope to perform another classroom competition at a local high school. Additionally, we are planning to give workshops to local middle schools. With your help, we can expand our program and offer fun and exciting engineering workshops to students in K-12 education who may not find the same opportunities elsewhere.
The Seismic Design Competition is an annual event held at the Earthquake Engineering Research Institute’s annual conference. The objective is to design and build a multi-story model building out of balsa wood that can perform effectively under shake table simulated earthquake ground motions. The goal of the competition is to provide students of engineering a project that enhances their understanding of seismic design, as well as their ability to design cost effectively, work in a multi-disciplinary team, create project posters, and perform technical presentations.

We were awarded 2nd place in 2007 the first time San Jose State University entered the competition. Since then we have attended each competition and have placed in the top half nationwide.

The 2010 competition will be held in San Francisco. This gives us a “home field advantage” and we are working diligently to better our record and win 1st place at “home.” We will invite students and families within our community to attend the event, discovering first hand an earthquake engineering experience, and cheering for our school. With your help we can accomplish a high standing and a large turnout for this year’s competition. The Earthquake Engineering Research Institute will cover the costs for 2 team members to attend. We hope to send 8 additional members.

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<th>Item</th>
<th>Quantity</th>
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<td><strong>Total Budget</strong></td>
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</tbody>
</table>
Activities | Cost  
--- | ---  
Presentations | $700  
Field Trips | $900  
Professional Seminars | $800  
Social Events | $300  
Public Lab Tours | $100  
Competitions | $500  
Outreach | $900  
Seismic Design Competition | $3,675  

Revenue Sources | Income  
--- | ---  
EERI | $575  
Associated Students | $3,000  
DONATIONS | $4,300  

Total Budget | $7,875  

Please make your contributions to:  

**EERI-SJSU Student Chapter**

Mailing Address:  

**EERI-SJSU Student Chapter – Box 135**  
**Student Involvement**  
**One Washington Square**  
**San Jose State University**  
**San Jose, CA 95192-0038**

Our Tax ID Number is: **94-6082215**

THANK YOU!

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**Kobe Level – $1,000+**

Large logo displayed on club website.  
Logo displayed on Seismic Design Competition poster.  
Logo displayed on Seismic Design Competition building.  
Logo on team t-shirt in large print.

**Northridge Level - $500-$999**

Regular size logo on club website.  
Logo displayed on Seismic Design Competition poster.  
Logo on team t-shirt in regular print.

**El Centro Level - $300-$499**

Small logo displayed on our website site.  
Logo displayed on Seismic Design Competition poster.