

2001 ENDOWMENT PROJECTS ANNUAL REPORT

Projects Endowment Committee: Wilfred Iwan, Chair; Farzad Naeim, Vice-Chair; Christopher Arnold, James Beavers, Richard Eisner, David Friedman, Frederick Krimgold, Ellen Rathje. Ex-officio: Susan Tubbesing; Staff: Marjorie Greene

Highlights of the current year

- ❑ Launched Friedman Family Visiting Professional Program.
- ❑ Awarded Shah Family Innovation Prize to Stephanie Chang, Research Assistant Professor at the University of Washington.
- ❑ Increased visibility for Encyclopedia of Housing Construction Types in Seismically Prone Areas of the World, including successful workshop in Pavia, Italy, with participants from 26 countries.
- ❑ Instrumental in creation of Mitigation Center within EERI, outgrowth of an idea from the Endowment Committee, to give regional chapters tools to promote seismic safety in their communities.
- ❑ The hiring of a Development and Outreach Director to oversee fund raising for the Endowment Fund and related special projects.

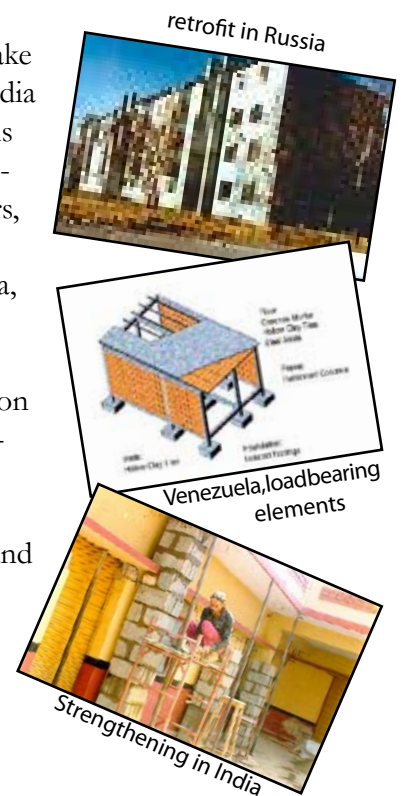
The Encyclopedia of Housing Construction Types in Seismically Prone Areas of the World

www.eeri.org (click on World Housing Encyclopedia)

EERI has a current project with the International Association of Earthquake Engineering (IAEE) to build an interactive, dynamic, web-based encyclopedia of housing construction types in seismically prone areas of the world. This project is breaking new ground by promoting communication and information exchange on construction types, details and processes among engineers, architects and housing experts in many far-flung countries. A new global network is being built with participants from places as diverse as Italy, India, Kyrgyz Republic, Palestine, Yugoslavia, the U.S., and more.

This past year the project received a grant from the Engineering Information Foundation of New York. These funds were used to support a small workshop of the most active project participants at the European School of Advanced Studies in Seismic Risk in Pavia, Italy. The project also received an in-kind gift from Adobe, allowing staff to work with the many photos and figures coming in from all over the world, as well as to prepare project documents.

The project is now entering a new phase, converting the existing static web site to an interactive database that allows for custom searches and reports. The programming for the web site is being provided by John A. Martin and Associates. A beta version of the interactive database will be available



for testing in February 2002.

In the past year, volunteer participants from 26 countries have made valuable contributions to the project describing housing construction typical for their countries. The project continues to actively seek new participants, and is expecting numerous contributions this year from countries including Mexico, Canada, the United States, New Zealand, Japan, China, Algeria, Egypt, Pakistan, India and Turkey and Croatia. Additional contributors are always welcome. Further information can be obtained from the project chair, EERI Board member Svetlana Brzev at sbrzev@bcit.ca or EERI Special Projects Manager, Marjorie Greene, at mgreene@eeri.org.



retrofit approach in Taiwan

Project Steering Committee: Svetlana Brzev, Sergio Alcocer, Chris Arnold, Shel Cherry, Craig Comartin, Ian Davis, Marjorie Greene, Farzad Naeim, Ravi Sinha

Database Development Team: Farzad Naeim, Mark Day, Scott Hagie, Kostas Skleros

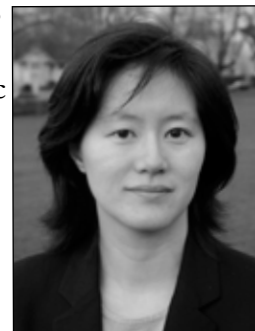
Friedman Family Visiting Professional Program

As announced at last year's annual meeting, EERI is the recipient of a generous gift from David Friedman and Paulette Meyer, and other members of David's family to underwrite the highly successful Visiting Professional Program. During its first year of funding, the Friedman Family Visiting Professional Program supported a number of visits, including several that have been webcast and are thus available for viewing throughout the year. Funds supported the visits of James Roberts to the University of Missouri, Rolla; John Hooper to the University of Michigan; Norm Abrahamson to SUNY Buffalo (a webcast seminar, available for viewing at <http://civil.eng.buffalo.edu/webcast/abrahamson/>); and Joe Penzien to Notre Dame (webcast and available for viewing at <http://stream.goldendome.com/linbeck/webcast.htm>). Additional visits are planned. Brochures describing the program and listing professionals currently available for visits are available by contacting Sonya Hollenbeck at the EERI office, sonya@eeri.org.



Shah Family Innovation Prize

Selecting from a large field of very strong candidates, the Shah Innovation Prize Selection Committee awarded the 2001 prize to Dr. Stephanie E. Chang, a research assistant professor at the University of Washington, and formerly an engineering economist with ABS Consulting. Dr. Chang's career reflects the innovation, creativity and entrepreneurial spirit honored by the prize. Not only does she work in both the academic and professional worlds, and the U.S. and international contexts, but she also spans the engineering and social science communities. Her unique combination of skills and background has allowed her to play an important role in two recent paradigm shifts, understanding the need to quantify indirect losses from earthquakes, and recognizing that addressing complex socioeconomic issues requires a comprehensive and multidisciplinary approach.



Pending Projects

A number of projects are under considerations for future support, as funding becomes available, including: guidelines for developing regional earthquake scenarios; enhancing communication among architects and engineers by developing a short course or charette for EERI student chapters and young professionals; understanding earthquake vulnerability of mass transit systems; a pilot project aimed at increasing the number of women and minorities in earthquake engineering; and, a pilot project examining implications of recent terrorist attacks for earthquake engineering.

Fund Report

Contributions

Endowment Project Funding

	1998	1999	2000	2001
	Actual	Actual	Actual	Actual
Endowment earnings used for projects	96,839	61,331	118,946	(8,108)
EERI funds used for projects				100,000
Friedman Family Visiting Professional Program				8,516
Engineering Info Foundation (to Hsg. Project)				50,000
FEMA funding for projects	10,235	38,117	-	-
Nick Forell Funds used for Visiting Professionals	1,849	3,174	3,684	789
Total Funding	108,923	102,622	122,630	151,197

Project Expenditures

	1998	1999	2000	2001
	Actual	Actual	Actual	Actual
Administration	32,657	24,344	25,007	26,956
Development Committee	25,614	12,907	19,582	21,705
Project Costs				
Visiting Professionals		8,077	5,525	4,584
Construction Quality Project	10,017	40,250	12,348	
Seismic Ethics Project	27,832	1,930	-	-
White Paper on Financing and Risk	3,259	17,666	15,521	-
Construction Observation and Inspection Project	1,332			
Mentoring Project	135			
Encyclopedia of Housing Construction Types			27,832	91,896
Joint Project with Public Agency Risk Mgrs Assoc (PARMA)			17,756	341
TOTAL PROJECT EXPENDITURES	108,923	102,622	122,630	150,203

Development

EERI recently hired a Development/Outreach director, Victoria Costello, who will focus attention on helping the Endowment Fund grow, as well as finding funding for specific EERI and Endowment projects. She can be reached at victoria@eeri.org.

Endowed Programs

Shah Family Innovation Prize, a \$10,000 prize awarded annually to a young professional or academic to recognize innovation, creativity and entrepreneurial spirit. Endowed by a \$250,000 gift from the Haresh Shah family.

Friedman Family Visiting Professional Program, endowed by a \$250,000 gift from David A. Friedman and Paulette J. Meyer, along with other members of the Friedman family, Phyllis K. Friedman, Robert E. Friedman and Eleanor F. Friedman.

2001 Benefactors

Individuals

\$5000

Mr. & Mrs. Theodore H. Geballe
Edward P. Hollis

\$1000-\$2000

Clarence R Allen
John McKee Coil
William J Lindblad

\$500-\$999

I M Idriss
Charles Kircher
Kevin L Menninger
Conrad Paulson
Cynthia L Perry

\$200-\$499

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C Terry Dooley
Andrew J Eggenberger
Robert D Hanson
Cynthia A Hoover
James O Jirsa
Robert P Kennedy
Julio Kuroiwa
George G Mader
Leslie Robertson
James Russell
Daniel Shapiro

\$100-\$199

Norman Abrahamson
S T Algermissen
Christopher Arnold
David Bonowitz
Roger D Borchardt
Jack Bouwkamp
Sheldon Cherry
Yan Yan Chew
Robert N Chittenden
James Davis
Lori Dengler
Neville Donovan
Richard Eisner

Douglas A Foutch
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Richard Huggins
Jesus Iglesias
Edward Kavazanjian Jr
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Ugo Morelli
Naser Mostaghel
Vilas Mujumdar
Joseph P Nicoletti
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T D O'Rourke
Gerard C Pardoen
F Robert Preece
James E Roberts
Avigdor V Rutenberg
William U Savage
Anshel J Schiff
Chester L Schultz
Christopher L Thompson
Michael Valley
Anestis S Veletsos
Akira Wada
Sharon L Wood
Richard N Wright
James T P Yao
Timothy Yeun

Other Amounts

Norio Abeki
Sergio M Alcocer
Goutam Bagchi
Bedros Bedrosian
Jacobo Bielak

Svetlana Brzev
Ian G Buckle
Gilles J Bureau
Claudio Chesi
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Ted M Christensen
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John R Hayes Jr
Walter H Hensolt
Juan Jose Herмосilla
Joe Hollstein
Hossein Mohazzab-
Hosseinian
Donald K Jephcott
Gayle Johnson
James LaFave
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Nicholas A Legatos
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Alfonso Jose Malaver
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Satwant Rihal
John O Robb
Alvin M Rodriguez
Richard Dale Ross
Rolf Sagesser
Roger L Sharpe
Isaac S Shina
James Slosson
Otto W Steinhardt
Nancy Tennebaum
Craig W Tillman
Fred M Turner
Vicki Vance May
Da-Lih Wu
Shoichi Yamaguchi
Hiroyuki Yamanouchi
Edwin Zacher

Corporate Giving

\$5000

Degenkolb Engineers

\$3000

DPR Construction

\$1000

Josephson-Wedowatz

\$500

Hratch Kouyoumdjian & Assoc.

Planned Giving

Patricia A. Bolton