

School of Architecture

The Chase L. Leavitt
 Graduate Building Science Program

A. Yuan (1994)
 A. R. Patratara (1991)
 Alice Ormsbee (2004)
 Allan Liebow (?)
 Andrew Lee (2005)
 Angela Vargas (2005)
 Anish Tripathi (2000)
 Archit Jain (1997)
 Barath Gowda (1999)
 BeanChing Law (2001)
 Bronne Dytoc (1992)
 Catherine Houston (1998)
 Cecilia Ines Jo (1995)
 Cheng-Yu, Ho (1992)
 Chris Buntine (2007)
 Chung-Hsin Tsai (2002)
 Dominador Doplas (1996)
 Effendi Setiadarma (1995)
 Elizabeth Valmont (2005)
 Evdoxia Giannopoulou (2004)
 Fang Sui (2002)
 Faris Al-Salem (2005)
 Felipe Hernandez (2002)
 Gautam Shenoy (2003)
 Geetika Tandon (2000)
 Ghosson AlKhaled (2002)
 H. Irianto (1987)
 D. Ritthoff (1987)
 H.C. Wang (1990)
 Herta Fuchs Gaus (1994)
 Ibrahim Al-Turki (1994)
 Ilaria Mazzoleni (1998)
 JaeYong Suk
 Jason Ritter-Lopatowski (2007)
 Jennifer Lew (2006)
 Jessica Mack (2004)
 Johnny Lu (2003)
 Jonathan Tedjakusuma (2003)
 Judith Leuppi (2000)
 June Yip (?)
 Kanchan Puri (1994)
 Khaled Aljammaz (2002)
 Kang-Kyu Choi (?)
 L. Nkwo (1988)
 Larry Wong (2005)
 Lizzie Valmont (2005)
 M. Farazmond (1995)
 M. Franzoso (1993)
 M. Garg (1991)
 M. Laham (1996)
 M. Yin (1993)
 Madhavi Chavan (2000)
 Madhu Thangavelu (1989)
 Mailli Sekiguchi (2003)
 Manasi Khopkar (1999)
 Manu Juyal (2002)
 Mark Hulme (?)
 Mic Patterson (?)
 Min Shuai (1999)
 Mohamed Laham (?)
 Mohamed Mohamed (?)
 Nazanin Zarkesh (2001)
 Nazneen Sabavala (2001)
 Neha Sivaprasad (2006)
 Othman AlShamrani (2007)
 P. C. Wang (1993)
 Patricia Yeh (1992)
 Ping Kuo (?)
 R. Singh (1991)
 Rashed Al-Shaali (2002)
 Rebeka Vital (2000)
 Rick Patratara (?)
 Rosa Neidl-Cornejo (2004)
 Ruben Ayrapietian (1992)
 Sammy Chong (1993)
 Sandra Brown (2007)
 S. Mehta (1992)
 Sanjeev Tankha (1995)
 Sarada Chidambareswaran (2004)
 Sasu Mitra (1993)
 Serge Hrisafovic (1992)
 Sharmilla Tankha
 Shaw-Bing Chen (?)
 Shen-shu Ho (?)
 Shina Rau (?)
 Shweta Japee (1995)
 Sonal Puri (1997)
 Soner Keskenell (1995)
 Sourjit Dhar (?)
 Sreemathi Iyer (2002)
 Srinivas Rau (1991)
 Suganya Thiagarajan (2004)

Over the summer this year, the Graduate Building Science program will move into our new home on the 3rd floor of Watt Hall. This is a big moment in the history of our program, and we want to make the most of this opportunity. Among the many benefits that will occur as a result of this move are:

- The Graduate Building Science faculty and students will all be located together. In the old space, some of the faculty offices were directly adjacent to the lab (Schierle, Schiler, Spigelhalter, Guh), but others were distant (Kensek, Noble, Vergun, Tyler, Knowles, etc.). The Building Science faculty will all be moving up to the 3rd floor into the southeast corner.

- The large equipment items that have been in the MBS lab or at the Power Station will be brought into Watt Hall and installed in our new facility:

The Knowles Heliodon
 The Koenig Wind Tunnel
 The Milne Mirror Sky
 The Schierle Shake Table
 The Loading Table
 The Computer Lab

- There are also a few new projects that should get started in the new space:

The Shell Solar photovoltaic project
 The Jeld-Wen BEEMS thermal monitoring project
 The Building Science Library

The move into the new space is going to take a lot of effort, and we would like to invite MBS students, faculty, alumni and friends to participate in making this move a success. In particular, there are several projects that need an individual "champion" or small group of people to help bring to fruition. Many of the projects listed above need one person or a small team to help move them from the Power Station and set them up in the new facility. Some of them need minor repair work or painting. For some projects, it might make sense to form a small "repair team" to help diagnose the problems and get the equipment back into use. It might be enjoyable to have everyone working on these projects over the same weekend this summer. I can imagine a great weekend of all of us getting together on the 3rd floor and working on our individual projects. If any of these projects interest you, please let me know. Maybe you will want to form your own team to take on one of these projects. The projects include:

- **The Pierre F. Koenig Wind Tunnel.** The wind tunnel is working well and was used this year in support of an MBS thesis exploring fabric tension structures. The wind tunnel needs to be moved to the 3rd Floor this summer. Although it is working well already, we would like to make some improvements to the wind tunnel. We would like to replace the current fan motor in order to increase the wind speed of the tunnel. We would like to install a fan motor that makes less noise. The wind tunnel could also be cleaned up and possibly painted. If the KOENIG WIND TUNNEL TEAM was particularly ambitious, we would like to refurbish and re-install the wind pressure equipment that has not been used in many years.



The Pierre F. Koenig Wind Tunnel

- **The Schierle Shake Table.** The shake table has not been used in many years. It appears to still work properly, but the interface card is so old it does not work in any of our new computers. This equipment was very expensive, and is very close to being ready to use. Current graduate student Sandra Brown is already working on this project, and she plans to use this equipment for her thesis starting in the Fall. (photos on next page)

USC

University Of Southern California

School of Architecture

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Sumit Brahmabhatt (2006)
Svastisinha "Wan" Runsrithep (1999)
T. H. Al-Qahtani (1987)
T. Ebina (1988)
Tareq Baker (2007)
Thian Feng (1988)
Tomas Salgado (2005)
Tony Chen (1993)
Turki Al-Qahtani (?)
V-S-K Varma Namburi (2006)
Vagish Narang (1999)
W. Wu (1990)
Xiao Li (2003)
Xiaojun Cheng (2005)
Xin Wang (2004)
Y. Kim (1991)
Yekaterina Boyajian (1994)

Building Science Faculty, and Thesis Advisors

Dmitry Vergun
Douglas Noble
Ed Woll
G. Goetz Schierle
Jade Satterthwaite
Jeff Guh
Jerry Christoff
Jim Tyler
Karen Kensek
Len Marvin
Mahdu Thangevelu
Marc Schiler
Murray Milne
Ralph Knowles
Thomas Spiegelhalter
Tom Paladino
Will Shepphird

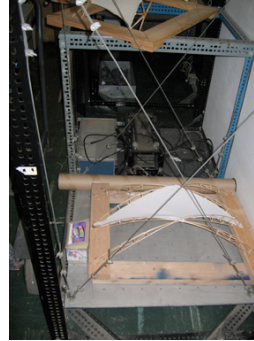
Visiting Professors

Noureddine Zemmouri (2003-4)
Professor, University of Biskra, Algeria

Hway Su Kim (2002-3) Professor,
Director, Building Science program,
Dan Kook University, South Korea.

Dr. Seok Ho Tae (2005-6), Assistant
Professor, Yeungnam University,
South Korea.

Dr. Xuelian Bai (2005-6), Assistant
Professor, Chongqing University,
People's Republic of China



The Schierle Shake Table

- **The Ralph Knowles Heliodeson.** The heliodeson needs to be moved to the 3rd floor. It is not fully working right now. There is a small problem with a motor, which may be simply an electrical connection problem. We have started on the process of adding computer-controlled operation to the heliodeson. The KNOWLES HELIODON TEAM would need to disassemble and move the Heliodeson, and then reassemble it in Watt Hall. Hopefully the motor problem will turn out to be easily resolvable. If the HELIODON TEAM was particularly ambitious, we could continue the exciting work of connecting the heliodeson to a computer.



The Ralph Knowles Heliodeson

- **The MBS Computer Lab.** The computer lab is in good working order. We will need to move the lab upstairs. We have just installed new large computer monitors (a gift from Alumnus Greg Irwin). We would like to add network connectivity to the printer and scanner, and make a few improvements, but the lab is essentially in full working order.



New large computer monitors are a gift of alumnus Greg Irwin

- **The Loading Table.** The Loading Table just needs to be moved to the new location. We should replace the lead pellets with something less poisonous, and there might be additional opportunities to help make the table more useable.



The loading table

- **The Milne Mirror Sky.** The Mirror Sky needs to be moved, set-up and calibrated. We have not yet used this equipment in our classes, and this is unfortunate. This is a great piece of equipment that needs to be integrated into our coursework and research.

If you are interested in participating in any of these projects, please email me. There are additional projects as well, and if you want to participate but want a different project from those listed above, just call or email. Douglas Noble dnoble@usc.edu 213 740-4589

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