

## SCHOOL OF INTERACTIVE ARTS + TECHNOLOGY

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### SIAT Ph.D candidate Robin Oppenheimer presents light show research & procures U of W teaching position

posted: october 15. 2008

### SIAT Grad Student Presents Social Networking Application for Humanities Researchers

posted: october 1. 2008

### 'Serious games' can change attitudes

posted: september 17. 2008

### Former SIAT students create interactive campus guide

posted: august 18. 2008

### SIAT Assistant Professor Magy Seif el-Nasr Helps Teenagers Develop Games in Summer Digital Media Boot Camp

posted: july 21. 2008

### Google 3D Team Reveals Social 3D World at Google TechTalks: SIAT Prof. Steve DiPaola Invited Guest and Speaker

posted: july 10. 2008

### SIAT Students Invited to Torino World Design Conference and Summer School

posted: june 20. 2008

### SIAT faculty Rob Woodbury part of research team: Secondary Effects of Climate Change on Human and Ecosystem Health: A Risk-Based Approach

posted: june 20. 2008

### [2009 Solar Decathlon | SIAT Students Help Design a Solar Powered House](#)

posted: june 14. 2008



### 2009 Solar Decathlon | SIAT Students Help Design a Solar Powered House

posted: june 14. 2008

#### VIEW THE BOOK HERE:

**Flash:** [www.morethangreen.org/northhouse/](http://www.morethangreen.org/northhouse/)

**PDF:** [www.morethangreen.org/northhouse/NorthHouse.pdf](http://www.morethangreen.org/northhouse/NorthHouse.pdf) 

#### WATCH THE VIDEOS HERE:

<http://www.youtube.com/watch?v=LqwCRpklVXQ&NR=1>

[http://www.youtube.com/watch?v=mwcMs\\_V3XqM&feature=related](http://www.youtube.com/watch?v=mwcMs_V3XqM&feature=related)

[Download CDRN Press Release Here](#) 

[Read the Granville Magazine article here](#) 

Students and faculty from Simon Fraser University's School of Interactive Arts and Technology (SIAT) join with colleagues from the University of Waterloo and Ryerson University to design a high-tech, solar-powered house. The house will join others on The Mall in Washington, DC, as part of the US Department of Energy's Solar Decathlon.

The building, NORTH HOUSE, will be entered in the 2009 Solar Decathlon, where it will compete against houses designed by 19 other North American universities.

Each of the three universities brings something unique to the project. Waterloo is leading the project and concentrating on off-grid housing and responsive structure and "skin". Ryerson will contribute energy modeling and analysis, while SFU will develop an "adaptive living interface" that allows the house's occupants to adjust energy settings easily through touch controls built into the walls or remotely via cellphone and computer. Reflecting its strengths in design, SIAT will create publicity materials, including a website, interpretative signage and a graphic identity for the project.

The U.S. Department of Energy and the National Renewable Energy Laboratory are using the Decathlon to encourage the broad adoption of sun-powered homes. The entrants will be presented to the general public in a "solar village" outside the Smithsonian Institution in Oct 2009. Team North, as the SFU/Waterloo/Ryerson co-operative is called, hopes that NORTH HOUSE will then be displayed at the 2010 Winter Olympics in Vancouver.

Leading SIAT's efforts will be professors [Ron Wakkary](#) and [Rob Woodbury](#). Wakkary is renowned for his work on user interfaces (he is currently collaborating with the Surrey Museum on an interactive multi-user museum guide). Woodbury, the scientific director for the Canadian Design Research Network, heads the advisory committee for Team North.

The project's outcome will be viewed by more than 300,000 people at the Solar Decathlon event and potentially by many more in its permanent display location (the location is under negotiation). North House is an exciting project to raise funds and opportunities for students. Team North is negotiating with a major Canadian company for financial support and student internships. Students active in the project will experience a complex and highly visible design effort, gain experience valuable to future employers and perhaps shape future

**SIAT Congratulates its 2008 Graduates!**

posted: june 12. 2008

**SIAT featured in SFU Annual Report 2008**

posted: june 9. 2008

**SIAT Welcomed Scholarship Recipients at Awards Ceremony on May 28th**

posted: june 9. 2008

**SFU Open House 2008 - SIAT Created a Buzz!**

posted: june 5. 2008

**SIAT Graduate Student Billy Cheung Interns at Siemens Corporate Research**

posted: may 26. 2008

**SIAT + ECUAD Co-Research on Human Motion: Lyn Bartram and Maria Lantin**

posted: may 26. 2008

**SIAT Researchers Gromala + Schiphorst awarded SSHRC "Image, Text, Sound and Technology" Grant**

posted: may 25. 2008

**SIAT Alumni Event - Where SIAT Graduates Are Now...**

posted: april 28. 2008

**Project Management Competition brings High School Students to SFU Surrey Campus**

posted: april 27. 2008

**Meehae Song - SSHRC Doctoral Award**

posted: april 25. 2008

**Victor Chen - NSERC Scholarship Award**

posted: april 17. 2008

**SIAT Interactive Technology and Design Showcase 2008: Interactive Arts Marry Technology and Usability**

posted: april 11. 2008

**SIAT Film Makers Win the 48 Hour Quick Flix Challenge, Taking Home 1st + 2nd Place**

posted: march 14. 2008

**Jim Bizzochi Comments: Detroit News Article on Video painting and Ambient Video**

careers in sustainable design.

SIAT will integrate the project into a fourth-year interdisciplinary course and is also proposing new undergraduate and graduate courses in sustainable design.

The following are SIAT students involved in this project:

SIAT Graduate students:

Davis Marques  
 Karen Tanenbaum  
 Kevin Muise  
 Jason Boileau  
 Roham (Mehdi) Sheikholeslami

SIAT Undergraduate Students:

Simon Kwok  
 Jin Fan  
 Christine Poh

*"Team North joins three schools in the challenge of a house for Canada's future. Waterloo, SFU and Ryerson together have the expertise needed to inspire imagination by design, to ensure sound engineering and construction and to communicate the ideas of sustainable living to the world. I am equally sure that the house will be extraordinary and that we will learn much from each other. This is collaboration at its best."*

- Rob Woodbury

*"This announcement brings well-deserved recognition to Drs. Wakkary and Woodbury, SIAT, and to SFU. The project extends beyond disciplinary and institutional boundaries and exemplifies the type of collaborative research that is a defining feature of SFU. We are excited to lend our individual and collective strengths to the emerging area of environmental research, which is one of our university's major strategic research directions."*

- Mario Pinto

/ original post january 22. 2008; last updated june 14. 2008

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posted: march 11. 2008

**SFU Surrey Open House 2008 Highlights**

posted: march 3. 2008

**Dean's Honour Roll, Spring 2008**

posted: march 3. 2008

**SIAT students need your help in  
Dare2BDigital Competition - Vote**

posted: february 29. 2008

**Kate Armstrong: PATH in Istanbul Turkey,  
Solo Show in Grand Prairie & Interview with  
Serial Consign**

posted: february 29. 2008

**Steve DiPaola & Evolving Art Featured in The  
Science Journal, Nature**

posted: february 19. 2008

**SIAT Students Place 3rd in PowerSmart  
Innovation Challenge**

posted: february 19. 2008

**SIAT Finalists @ ELANS Awards - February  
15, 2008**

posted: february 17. 2008

**SIAT Games Research to build new creativity  
and storytelling tools**

posted: january 28. 2008

**Yes, the Tech Skills Shortage Is Real |  
Information Week Article**

posted: january 15. 2008

**ISEA 2008 | Michael Filimowicz to Present**

posted: january 15. 2008

**Connecting '07 World Design Congress: SIAT  
Student Exerience**

posted: january 15. 2008

**Canada Research Chair in BioMedia and  
Interaction Design: 2008**

posted: january 11. 2008