Solar Street
Decathlete Way

Solar Decathlon

ENERGY WE CAN LIVE WITH

Sponsors and Organizers

The 10 Decathlon Contests

- Design and livability
- Design presentation and simulation of energy performance
- Graphics and communication
- The comfort zone
- Provision of hot water
- Refrigeration
- Energy balance and storage
- Quality of interior lighting
- Power for home business
- Use of an electric vehicle

About the Solar Decathlon Contests

10 Contests, 1100 points

Contest Point Distribution:

- Design aesthetics (325 pts.)
- Energy production and efficiency (480 pts.)
- Innovation of systems (145 pts.)
- Communications (150 pts.)

The team with the most points at the end of the week will win the competition.

The Ground Rules

- Lot size: 5500 sq.ft.
- 800 sq.ft. footprint
- 450 sq.ft. home min.
- 18 ft. height limit
- Solar energy *only*!
- Cannot shade neighbors
- Must comply with codes
- Transport to DC
- NPS regulations
- 21 day schedule
- ADA route for tours
- 6 Decathletes/home
- Home, car, business
- Penalties for non-compliance

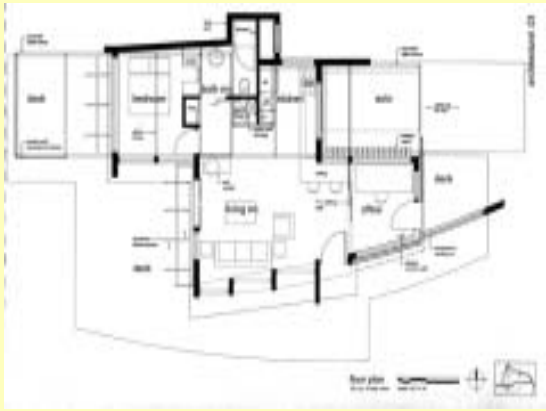
2002 Solar Decathlon Collegiate Teams

- Auburn University
- Carnegie Mellon University
- Crowder College
- Texas A&M University
- Tuskegee University
- University of Colorado at Boulder
- University of Delaware
- University of Maryland
- University of Missouri—Rolla & Rolla Technical Institute
- University of North Carolina—Charlotte
- University of Puerto Rico
- University of Texas at Austin
- University of Virginia
- Virginia Polytechnic Institute and State University

Challenge to Schools of Architecture

Design a space to live that will delight the senses, uplift the soul, and provide ample creature comforts.

"To win, it must be aesthetically pleasing."



Challenge to Schools of Engineering

Engineer the house to be structurally sound, energy efficient, energy *self-sufficient*, reliable, and affordable.

"To win, it must work."

Solar Decathlon 2002 Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		Sept 17 Staff Arrives	Sept 18 Registration Opens Staff Mtg. All Team Mtg.	Sept 19 Team Set-Up	Sept 20 Team & Village Set-Up	Sept 21
Sept 22 Team & Village Set-Up	Sept 23	Sept 24 Instrument Houses & Web Connect	Sept 25 Evening Reception	Sept 26 Media & VIP Open House Opening Ceremony	Tours All Day Sept 27 Day One	Tours All Day Sept 28 Day Two
Tours All Day Sept 29 Day Three Judging Completes	Sept 30 Day Four	Oct 1 Day Five	Oct 2 Day Six	Oct 3 Day Seven	Oct 4 Day Eight	Oct 5 Finish Mid day Afternoon Tours
Oct 6 Tours All Day	Oct 7	Oct 8 Take Down	Oct 9			

TUSKEGEE
COLORADO
CROWDER
AUBURN
VIRGINIA TECH
DELAWARE
PUERTO RICO
DECATHLETE WAY
TECHNOLOGY STREET
DECATHLETE WAY
MARYLAND
CARNEGIE MELLON
TEXAS-AUSTIN
UNC-CHARLOTTE
VIRGINIA
U. MO-ROLLA / RTI
TEXAS A&M

SKY TRAK

JAR DECATHLON

2002 SOLAR DECATHLON

2022 SOLAR DECATHLON

University
of Missouri-
Rolla

University of Virginia
KRAACK

University
of North
Carolina
at Charlotte

Open

The Washington Post

September 27, 2002

Weekend

HERE COMES THE SUN

14 Teams Compete In the First Solar Decathlon On the Mall PAGE 34

Nightwatch Good Charlotte **5** **Saturday's Child** Pumpkin patches and fall fun **54**

Solar Decathlon
SOLAR DECATHLON

Texas A&
University
United States
Department
of Energy

Solar Street

Media Coverage

The 2002 Solar Decathlon was covered by many of the nation's most credible and well known media organizations – publications and programs that reach wide audiences and, significantly, also rank highest in terms of impact among the nation's opinion and policy leaders.

Media Coverage

A total of 507 news stories in newspapers, magazines and internet.

New York Times
Los Angeles Times
Associated Press
Juneau Empire
Washington Post
Washington Times
Parade magazine
Pittsburgh Press

Media Coverage

Over 45 television and radio stories in major markets

Today on NBC live broadcast

Washington DC ABC, NBC and CBS News

CSPAN live broadcast from village

National Public Radio Scott Simon

Dream Builders and Do It Yourself (DIY)

Media Coverage

Industry and Trade Publications

Home magazines such as This Old House, Natural Home and Fine Homebuilding

Roll Call, the newspaper that covers Capitol Hill, ran a story aimed at the interests of congressional staffers and encouraged everyone to visit the village.

Open

Solar Street
Welcome to the
Solar Decathlon
Welcome to t
Solar Decath

Congratulations
Solar Decathlete
Solar Decathlon 2002
UNIVERSITY OF MARYLAND
TERRAPINS

WATT
WATT

Carnegie Mellon

Final Results

Team	Points	Standing
University of Colorado at Boulder	875.30	1
University of Virginia	848.52	2
Auburn University	840.33	3
University of Maryland	777.92	4
Virginia Tech	777.90	5
Crowder College	725.00	6
University of Puerto Rico	712.22	7
University of Texas – Austin	709.33	8
University of Missouri-Rolla/RTI	652.24	9
University of Delaware	543.45	10
Tuskegee University	513.38	11
Carnegie Mellon University	502.02	12
University of North Carolina-Charlotte	251.96	13
Texas A&M University	122.80	14

University of Colorado at Boulder

Contest	Points	Standing
Design and Livability	134.46	5
Design Presentation & Simulation	65.90	5
Graphics and Communication	93.08	1
The Comfort Zone	84.42	1
Refrigeration	59.62	6
Hot Water	77.69	5
Energy Balance	100.00	1
Lighting	90.13	3
Home Business	85.39	3
Getting Around	84.62	3