

FULBRIGHT ACADEMY OF SCIENCE AND TECHNOLOGY

FIFTH ANNUAL CONFERENCE:

SUSTAINABILITY

*Fulbright Scholars & Alumni:
Shaping Tomorrow's Future Today*

MARCH 11-14, 2010
HILTON HOTEL, 750 KEARNY
SAN FRANCISCO, CA



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Fulbright Academy of Science & Technology Sustainability Conference San Francisco – March 11-14, 2010

While at the conference, please look for these members of the FAST Board of Directors and share with them your thoughts on how the Fulbright Academy of Science & Technology can better serve you, your employer, your professional colleagues, and society at large.

- **Ms. Rawaa Al-Saadi** is Founder and Director of Global Dynamic Links in Austin, Texas. (Syria to USA)
- **Mr. Mauricio Cardenas** is Senior Consultant with Behavioral Science Technology in Miami. (Colombia to USA)
- **Dr. Marianne Hattar-Pollara** is Chair, Global Nursing and Health Expert Panel, American Academy of Nursing. (USA to Jordan)
- **Mr. Torsten Kracht** is a Partner at Hunton & Williams, LLP in Washington, DC. (USA to Germany)
- **Dr. Philip Rakita** is Managing Director of Armour Associates in North Carolina. (USA to Russia)
- **Mr. Daniel Wolf** is Chairman of Advanced Earth Technologies in San Diego. (USA to Germany)
- **Mr. Keith Zielenski** is a Manager at Deloitte & Touche, New York City. (USA to Germany)

Two Board Members regret that they are unable to attend this year. **Mr. Mark Horn** is a consultant with the Brazilian Agricultural Research Corporation in Sao Paulo, Brazil. (USA to UK) and **Dr. Clarisse Molad** is a Vice Dean at University American College in Skopje, Macedonia. (USA to Macedonia)

FAST is a grass-roots organization. We are seeking new members for the Board of Directors and the International Advisory Council. We also are seeking partners for programs, forums, workshops and other initiatives. Please tell us if you would like to host a Fulbright Forum, Sunday Seminar, or a simple luncheon for Fulbrighters in your community.

Recent Sponsors / Hosts of FAST Programs:

- American University College
- Boston University
- Brigham & Women's Hospital
- Eötvös Loránd University
- FON University
- Hunton & Williams
- Hungarian Academy of Sciences
- Northeastern University
- Singapore Management University
- South East European University
- Syracuse University
- University of Denver

Sponsors of Individual Participants to the 2010 Conference:

- Dr. John De Luca
- Mr. Mark Horn
- Mr. Eric Howard
- Mr. Evelthon Iacovides
- Mr. Volker Mueller
- Dr. Shannon Reiersen
- Dr. Roger Stough
- Ms. Kath Williams

Fulbright Academy of Science & Technology Sustainability Conference San Francisco – March 11-14, 2010

Wednesday, March 10

6:00 pm

Pre-Conference Dinner

Call FAST at 207-799-3098 for location.

Reminder:

Daylight Savings Time
begins on Sunday.

8:00 am old time is

9:00 am new time.

Thursday, March 11

1:30 – 4:00 pm

Board of Directors Meeting

3:00 – 6:30 pm

Registration

4:00 – 5:00 pm

Annual Meeting of Fulbright Academy Members – Mason Room

Introduce the new board members and review 2009 accomplishments

5:00 – 6:30 pm

Opening Reception – Foyer & Grand Ballroom

Reception and Raffle of items donated by alumni participants.
Local Fulbrighters will be attending this event as well.

Wine provided by a local Fulbrighter & select wineries in California.

6:30 – 10:00 pm

Opening Banquet and Keynote Address – Grand Ballroom

A Celebration of Five years of FAST (photo montage)

Welcoming Remarks:

Mr. Eric Howard, Exec. Director of FAST (Germany 1989)

Keynote Speaker:

Mr. Floriano Filho, Editor at TV Brazil and former editor-in-chief of "Diplomacy,"
a Brazilian TV show on foreign affairs, Sao Paulo, Brazil (USA 2008)

Friday, March 12

8:00 am – 5:00 pm

Registration

9:00 am – noon

Sustainability Tours (see page 7 for descriptions)

A. Energy Efficiency Tour – PG&E Pacific Energy Center & Moscone Solar Array

B. History of Transport: SF Cable Car Museum & Wells Fargo History Museum

Noon – 1:45 pm

Lunch & Official Welcome – Grand Ballroom

Welcome: **Mr. Torsten Kracht**, Chairman of the FAST Board of Directors

Setting the Stage: Perspectives on Sustainability

Dr. Natalie DiNicola, Vice President, Sustainable Agriculture Partnerships,
Monsanto, St. Louis, MO (Friend of FAST)

Dr. Mark Levine, Group Leader for the China Energy Group, Lawrence Berkeley
National Laboratory, Berkeley, CA (1966 Germany)

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1:45 – 3:15 pm

Session 1

A. Natural Resources – Grand Ballroom

Dr. Beth Middleton, Research Ecologist, USGS National Wetlands Research Center, Lafayette, LA (1990 India) *Moderator*

Dr. David Sandino, Chief Counsel, California Department of Water Resources, Sacramento, CA (1999 Russia) *Water Resources in California*

Dr. William (Bill) Fisher, US EPA - Senior Research Scientist, US Environmental Protection Agency - Gulf Ecology Division, Gulf Breeze, FL (1985 France) *Can humans and coral reefs co-exist?*

Dr. Malavika Chauhan, Senior Programme Officer, Sir Ratan Tata Trust, 65 Vasant Vihar, Phase II, Dehradun, Uttarakhand, India (2005 USA) *Sustainable rural development in the Central Himalayan regions of India*

Dr. Stella Williams, Professor Emerita, Obafemi Awolowo University, Department of Agricultural Economics, Ile-Ife, Nigeria (2003 USA) *African Women in Agricultural Research & Development*

Ms. Jennifer Clowers, Regional Recruiter, US Peace Corps, San Francisco, CA (PCV to Guinea & Niger) *The Peace Corps Approach to Natural Resource Development.*

Dr. Gordana Surlan-Momirovic, Professor, Faculty of Agriculture Institute of Field Crops, University of Belgrade, Belgrade-Zemun, Serbia (2002 USA) *Poster: Genotype X environment interaction for corn grain yield in Serbia, Croatia and Hungary*

Mr. Alexandre Santos Francisco, Federal University of Fluminense, Niteroi, Brazil *Poster: FIT Extensions for solving contaminant transport problems*

B. Government & Sustainable Development Policy – Mason Room

Ms. Grace Clark, Former Executive Director of the Fulbright Commission in Pakistan *Moderator*

Dr. Natalie DiNicola, Vice President, Sustainable Agriculture Partnerships, Monsanto, St. Louis, MO (Friend of FAST) *Sustainability in Africa*

Dr. John Gamman, CONCUR, Santa Cruz, CA (Fulbright Senior Specialist) *How Collaboration Can Promote Environmental Sustainability*

Dr. Marie-Therese Claes, Professor, ICHEC Brussels Management School (Institut Catholique des Hautes Etudes Commerciales), Brussels, Belgium (1982 USA) *Transcendental Leadership and Sustainability*

Dr. Charles Peter Webel, University of New York in Prague, Prague, Czech Republic (2003 Germany) *Human Security and Global Warfare: Can a Nonviolent Strategy of Conflict Resolution be Effective and Sustainable?*

Dr. Vanessa Timmer, Co-Founder & Director, One Earth Initiative, Vancouver, BC, Canada (2002 USA) *Tools for accelerating breakthroughs towards sustainability and envisioning sustainable futures*

Dr. Leticia Hahn, Assistant Professor of Educational Psychology, Niagara University, Niagara University, NY (1993 Mexico to USA) *Poster: Education of women: a prerequisite to sustainable development in developing nations*

C. Sustainability Education / Undergraduate Research – Jackson Room

Dr. Nancy Hensel, Executive Director, Council on Undergraduate Research, Washington, DC (FAST Institutional Representative) *Moderator*

Dr. Lorna Edmundson, President, Wilson College, Chambersburg, PA (1994 Japan) *Wilson: A Small Private College with a Big Public Commitment to Sustainability*

Mr. Tim Lang, Campus Sustainability Coordinator, University of Toronto-Scarborough, Toronto, ONT, Canada (2004 Poland) *Sustainability at a Public University: A Rigorous, Not Glamorous Approach*

Mr. Theo Eggermont, Sustainability Fellow, College of St. Benedict / St. John's University, Collegeville, MN (Friend of FAST) *Being a New Young Sustainability Coordinator at a Benedictine College*

Dr. Nina Roberts, Project Director: Pacific Leadership Institute, San Francisco State University, San Francisco, CA (2006 India) *Eco-clubs in India: An Evaluation of Impacts on Students*

Dr. Al Conklin, Jr., Professor and Chair, Department of Chemistry, Wilmington College, Department of Chemistry, Wilmington, OH (1998 Zimbabwe & Institutional Representative) *Poster: International Undergraduate Research Symposium*

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3:15 – 3:45 pm **Coffee Break**

3:45 – 5:15 pm **Session 2**

D. Transportation & Architecture – Grand Ballroom

Mr. Blaine Brownell, Assistant Professor of Architecture, University of Minnesota, Minneapolis, MN (2006 Japan) *Moderator and speaker: Emerging materials/sustainable design*

Ms. Kristina Hahn, Principal, Kristina Hahn Atelier, Architects & Planners, Los Angeles, CA and Chapter President, Fulbright Association – Greater Los Angeles Chapter (1999 Germany to USA) *Sustainable Architecture: Green Certification Systems for Buildings*

Dr. John Crocker, Director of Service Coordination, Metropolitan Atlanta Rapid Transit Authority (MARTA), Atlanta, GA (2005 Belgium & EU) *Transportation planning & political decisionmaking*

Mr. Jason Moore, Graduate Student Researcher in Engineering, University of California Davis, Davis, CA (2008 Netherlands) *Bicycling in Netherlands and Europe, policies and practices. What can America learn from them?*

Dr. Nancy Meyer-Emerick, Associate Professor of Public Administration, Cleveland State University, Cleveland, OH (2009 Slovak Republic) *Sustainable Cleveland 2019: empowering a green city on a blue lake*

Dr. Giovanni Circella, Politecnico di Bari - Technical University of Bari, Bari, Italy (2009 Italy to USA) *Poster - Sustainable mobility*

E. Sustainable Energy & Entrepreneurship – Mason Room

Mr. Mauricio Cardenas, Senior Consultant, Behavioral Science Technology, Miami, FL. (1993 Colombia to USA) *Moderator*

Ms. Christina Page, Director Climate and Energy Strategy, Yahoo! Inc., San Francisco, CA (Fulbright Senior Specialist) *Strategies for Sustainable Business in the IT industry: The view from Yahoo! Inc.*

Mr. David Shen, Consultant, National Interest Security Company, Arlington, VA (2001 Taiwan) *Leading by Example: Energy Management at the Department of Energy*

Mr. Joerg Geier, Director of Custom Programmes, University of Cambridge, Cambridge, United Kingdom (2001 USA) *Renewable energies/solar thermal energy*

Dr. David Klein, Professor Emeritus, Institute of Arctic Biology, University of Alaska Fairbanks, Fairbanks, AK (1971-72 Norway) *Contrasting North American and European Perspectives on Arctic Climate Change*

Dr. David McGaffey, CEO, InterConsultUSA, Alameda, CA (2008 Macedonia) *Carrying Capacities*

Dr. Javad Tavakoli, Prof of Chemical Engineering, Lafayette College, Easton, PA (1995 Germany) *Poster: Sustainability and Energy Options: Biofuels*

Dr. Renato Panesi, 2009 Fulbrighter at Santa Clara University (2009 Italy to USA) *Poster: Jet-Fuel as Jet-Fuel: Plant based solutions for sustainable aviation.*

Mr. Domenico Centrone, 2009 Fulbrighter at Santa Clara University (2009 Italy to USA) *Poster: IMS (Manufacturing Technology Platform) Maintenance for sustainable manufacturing (M4SM)*

F. Sustainability and the Media – Jackson Room

Mr. Michael Schwarz, President, Kikim Media, Menlo Park, CA (1986 Asia) *Moderator*

Dr. David Ritchey, Professor of Communication, University of Akron, School of Communication, Akron, OH (2003 Romania) *Public Relations & Sustainability*

Mr. Thomas Luehrsen, President, Elmwood Studios, Larkspur, CA (Germany) *The ubiquity of web video and it's role in changing traditional media*

Ms. Corrie Francis, Independent Animator (2005 New Zealand) *Using animation to communicate difficult or sensitive material*

Ms. Sylvia Johnson, The Alagados Project, Boulder, CO (2005 Brazil) *Using video to explain social issues and cultural development*

5:15 – 7:00 pm **Break for dinner**

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7:00 – 10:30 pm **Fulbright Academy Film Festival (late arrivals are welcome)**

At the Screening Room of the Delancey Street Foundation, 600 Embarcadero.

15 minute walk or ride the cable car. Food sponsored by Whole Foods Market

Wine provided by Two Friends Imports & Bovin Winery in Macedonia.

Late arrivals are welcome and will be seated during the short breaks between the pieces.

- Conversing with Aotearoa** by Corrie Francis, a 2005 US Fulbrighter to New Zealand
- Paradise**, by Enrique Rivero Borrell, a 2005 Mexican Fulbrighter to USA
- Alagados** by Sylvia Johnson, a 1999 US Fulbrighter to Brazil
- Uncommon Heros. Common Good.** by Michael Schwarz, a 1986 Fulbrighter to Asia

Intermission (20 minutes)

- Project GreenHands** interviews by Varsha Mathrani, a 2009 US Fulbrighter to India
- Shamans of Siquijor** by Rosanna Brillantes a 2004 US Fulbrighter to the Philippines
- Charcoal Traffic** by Nathan Collett, a 2006 US Fulbrighter to Nairobi, Kenya
- Montana Fare** by Dawson Dunning, a 2008 US Fulbrighter to New Zealand

Saturday, March 13

7:30 – 8:45 am **“Senator’s Breakfast”** (by invitation) Embarcadero Room (26th Floor)

9:00 am **Note on the Saturday Morning Sessions**

The formal presentations are taking place on Friday afternoon.

The time on Saturday morning will be a focused discussion with conference participants and the presenters. Based on the examples that were presented on the previous day, the groups will be developing suggestions for action to be taken by FAST, by the institutions represented at the conference, by the individual participants and by other entities (such as government agencies, corporations or universities).

We are particularly interested in your ideas as to how the FAST and Fulbright alumni community can create change and advance the science of sustainability.

9:00 – 10:00 am **Session 1 (continued – workshop & discussions on next steps)**

A. Natural Resources – Grand Ballroom

B. Government & Sustainable Development Policy – Mason Room

C. Sustainability Education / Undergraduate Research – Jackson Room

10:00 – 10:15 **Coffee Break**

10:15 – 11:15 **Session 2 (continued – workshop & discussions on next steps)**

D. Transportation & Architecture – Jackson Room

E. Sustainable Energy & Entrepreneurship – Mason Room

11:15 – 12:15 **“Take Action Closing” – Grand Ballroom**

12:15 – 1:15 pm **Lunch – on your own**

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1:15 – 5:00 pm

FAST Open Board Meeting – Mason Room

Topics of discussion include: 2010 Conference on Counterfeiting, 2011 Annual Conference in Heidelberg (social sciences), the FAST Brand and marketing

1:15 – 5:00 pm

Sustainability Tours (see page 8 for descriptions)

Environmental Education - Crissy Field Center & Golden Gate National Rec. Area
Bicycle Tour – starting & ending at Crissy Field / Golden Gate (fee for rental)
California Academy of Sciences (fee for entry)
Museum of African Diaspora (fee for entry)

6:00 pm

Free Evening

!!!! Reminder !!!!
Daylight Savings Time begins on Sunday morning
Please don't show up an hour late.
9:00 am old time is 10:00 am new time.

Sunday, March 14

7:30 – 9:00 am

Coffee with the Board of Directors (open to all) – Jackson Room

Start at

8:00 or 9:00 am

**Sunday Seminars: Executive Education/Networking Programs
(see next pages for details)**

**Global Health
FAST Futures
Sustainable Agriculture
FAST Entrepreneurs**

9:00 am Hilton Hotel – Mason Room
9:00 am Hilton Hotel – Sansome Room
8:15 am Meet in lobby to get on bus to Davis
8:00 am Meet in lobby to walk to BART.
Train leaves Montgomery Station at 8:34 going to
Brower Center, 2150 Allston Way, Berkeley

Participants: More than two dozen countries are represented at the conference.

- | | | | |
|------------------|------------|---------------|------------------|
| • Afghanistan | • France | • Mexico | • Serbia |
| • Australia | • Gambia | • Nigeria | • Spain |
| • Belgium | • Germany | • Pakistan | • Thailand |
| • Burkina Faso | • India | • Philippines | • Turkey |
| • Canada | • Italy | • Poland | • United Kingdom |
| • Croatia | • Jordan | • Romania | • United States |
| • Czech Republic | • Malaysia | • Russia | |

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SUNDAY SEMINAR

Entrepreneurship - offsite in Berkeley

Fulbrighters are often innovative individuals, with ideas that can have positive impacts on society. Many are working at entrepreneurial firms, others are active in the growing non-profit sector, and some are frustrated by their inability to change a concept into reality. This is a six-hour seminar with a workshop to create a list of specific activities that FAST and its partners can do to support entrepreneurial Fulbrighters.

Dr. Fred Kiesner, Conrad Hilton Chair of Entrepreneurship, Loyola Marymount University, Los Angeles, CA (1987 Ireland) *Creating Entrepreneurs – Making Miracles Happen*

Dr. Robert Hisrich, Director of the Walker Center for Global Entrepreneurship, Thunderbird School of Global Management, Glendale, AZ (1989 Hungary) *Entrepreneurship: Starting, Developing, and Managing a New Enterprise*

Dr. C. Sidney Burrus, Dean Emeritus of the George R. Brown School of Engineering, Rice University, Houston, TX (1978 Germany) *Connexions – an online resource for sharing educational material (www.cnx.org)*

Dr. Katrina Rogers, Director, Institute for Social Innovation, Fielding Graduate University, Santa Barbara, CA (1988 Germany) *Graduate Education for Social Entrepreneurship*

Dr. Kathia Castro Laszlo, Director of the MA in Leadership for Sustainable Systems Program, Saybrook University, San Francisco, CA *Connecting scientific inquiry with entrepreneurial spirit: Innovating pathways for sustainable development.*

Comments from the Private Sector

Ms. Rawaa Al-Saadi, Founder & Director, Global Dynamic Links, Austin, TX (2000 USA)

Mr. Mauricio Cardenas, Senior Consultant, Behavioral Science Technology, Miami, FL (1993 Colombia to USA)

Mr. Daniel Wolf, Chairman, Advanced Earth Technologies, San Diego, CA (1990 Nicaragua)

Mr. Kim David Eger, President, Eco Smart Shutters, Alpharetta, GA (1992 Germany)

Dr. Miriam Petruch, The Perfect Word, Berkeley, CA (1981 Israel)

Note: This program is taking place at the Brower Center (2150 Allston Way) in Berkeley. With walking and BART it is about 50 minutes. We leave the Hotel at 8:00 as a group so that you can interact while in transit.

SUNDAY SEMINAR

Global Health – Mason Room

More than 250 Fulbright grants are awarded each year in fields relating to health - public health, medical research, nursing, pharmacology, etc. What are the opportunities for collaboration among these grantees and alumni? The group will hear case studies of problems and develop specific recommendations about how can Fulbrighters have a greater impact on global health issues.

Marianne Hattar-Pollara RN, DNSc, FAAN, Vice Chair: FAST *Moderator*

Marsha Fowler, RN, PhD, FAAN, Azusa Pacific University *“Global Health and Ethics”*

Russell Browder, MBA, General Electric Healthcare Information *“Technology and Global Health”*

Tee Guidotti, MD, MPH, Emeritus School of Public Health and Health Services, George Washington University Medical Center *“Occupational health and development”*

Sandra Knight, MD, Program Specialist, US Center for Disease Control, Global AIDS Program, Kingston, Jamaica *“The HIV/AIDS epidemic in the Caribbean”*

Carinne Meyer, MPH, PDPHc, University of California, San Francisco Department of Obstetrics and Gynecology *“Prevention and management of postpartum hemorrhage in low-resource settings”*

Anita Hunter, PhD, APRN, FAAN, University of San Diego, Hahn School of Nursing and Health Sciences *“The Uganda Project: Improving the Reproductive Health of Women by Improving the Health of Their Children”*

Lisa Thompson, FNP, MS, PhD, Assistant Professor, Family Health Care Nursing, University of California, San Francisco *“Newborn gestational age assessment and birth weight measurement performed by trained traditional birth attendants and auxiliary nurses in rural Guatemala”*

Lynn Clark Callister, RN, PhD, FAAN, Brigham Young University College of Nursing, Provo, Utah *“Exemplary interventions focusing on the reduction of maternal mortality and contributing to the achievement of the UN Millennium Development Goals #5”*

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9:00 am new time.

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SUNDAY SEMINAR

Sustainable Agriculture – Davis, CA

This is a tour of Campbell Soup's Agricultural Research Center in Davis, where among other activities it field tests 300-500 tomato varieties each year in search of the perfect fruit to further develop for a future crop. Each year, farmers grow more than 800,000 tons of their tomatoes, which are used as ingredients for the company's soups, sauces and beverages.

Dr. Hasan Bolkan, Director of Research, Campbell Soup Research Center, Davis, CA

Dr. Sermin Ornektekin, Dean, Mustafa Kemal University, Antakya, Turkey (2009 USA)

NOTE: Meet in the hotel lobby at 8:15. The bus will leave at 8:30 and return around 4:30. Lunch is provided.

SUNDAY SEMINAR

FAST Futures – Sansome Room

In its first five years, FAST carried out conferences and programs from Asia to Africa, South America to Europe. What can FAST do during its second five years to further promote political/social change or research collaborations among alumni?

Mr. Eric Howard, Executive Director of FAST, Maine (1989 Germany)

Mr. Torsten Kracht, Board Chair of FAST, DC (1994 Germany)

Ms. Vanessa Timmer, Co-founder, One Earth Initiative, Canada (2002 USA)

Dr. Marie-Therese Claes, Professor, ICHEC Brussels Management School, Belgium (1982 USA)

Mr. David Porush, CEO, MentorNet, Sunnyvale, CA (1993 Israel)

FRIDAY MORNING TOUR

History of Transportation in the West: San Francisco Cable Car Museum and the Wells Fargo History Museum

Join a tour of this museum and an informal discussion on urban transit and urban planning. Cable cars started operating in San Francisco in 1873, and the museum houses a collection of historic cable cars, photographs, and mechanical displays. Learn about the inventor and the technologies, the expansion of service and near closure in 1948, and the ongoing efforts to save and rebuild the cable cars of San Francisco. Located at 1201 Mason St, the museum is an 8-10 minute walk from the Hilton Hotel. (Open 10-5, free)

The tour also goes to the site where Wells Fargo first opened for business in 1852. This small museum features a Concord Coach used by Wells Fargo in the 1860s as well as an impressive display of gold dust and ore from California's Gold Country. Located at 420 Montgomery Street, the museum is a 5-7 minute walk from the Hilton Hotel. (Open 9-5, free)

For more information:
www.wellsfargohistory.com/museums/museums_sf.htm

FRIDAY MORNING TOUR

An Energy Efficiency Walking Tour of San Francisco, CA

The tour will visit at the PG&E's Pacific Energy Center, which offers educational programs, design tools, advice, and support to create energy efficient buildings and comfortable indoor environments. Most PG&E efforts are focused around commercial buildings; however, other departments offer advice and information for residential buildings. For example, PG&E is currently planning a series of webinars on a range of solar subjects including Permitting, California Solar Initiative Program Updates, the Solar Interconnection Process, and others.

If time allows, the tour will also visit the solar array at the Moscone Convention Center.

Located at 851 Howard Street, the PG&E Center is a 20 minute walk from the Hilton Hotel (Open 8-5, free)

For more information: www.PGE.com

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SATURDAY AFTERNOON TOURS

Crissy Field Center and the Golden Gate National Recreation Area

Working in partnership with the National Park Service, The Presidio Trust and Bay Area communities, the Crissy Field Center actively engages young people with their environments by focusing on the convergence of the urban and natural environment through multicultural perspectives. Since its opening in May 2001, the Center has served over 750,000 people through youth leadership programs, school field trips, public workshops, after school programs, summer camps, and more. This program will start off with a tour of The Presidio, a national park and former military base strategically based at the entrance to San Francisco Bay. This will include brief presentations about several of the extraordinary sustainability practices and scientific efforts occurring throughout this area. The second half of our program will focus on cutting-edge opportunities and best practices that engage urban youth and include a tour of a new (temporary) green modular facility that will be LEED certified at completion.

Travel to the Presidio: Riding the bus is an important aspect of this experience as professionals from these sites will talk with the group about the Presidio, the NPS and the Crissy Field along the way. Those who drive themselves should meet the tour at the Presidio Officers' Club. Due to road construction, road maps may be inaccurate. A bus for 35 persons will leave the hotel at 1:00 pm and return at 5:30 pm. (free)

More information: www.crissyfieldcenter.org
www.nps.gov www.presidio.gov

Museum of the African Diaspora

Join an informal visit to this museum, which focuses on descendants of slaves. Participants of our tour may also discuss more recent economic migration, retention of cultural heritage and other social issues. One possible outcome from the tour is greater efforts to link Fulbright alumni in lower-income countries Africa with Fulbrighters in other parts of the world. Located at 685 Mission St, the museum is an 12-15 minute walk from the Hilton Hotel. (Open 11-5, \$10 fee)

For more information: www.moadsf.org

Bike Tour of San Francisco

The San Francisco Bike Coalition is very active in making the city a better place to live; the head of the organization's board is Fulbrighter. She has sketched out a nice 10-mile, 2-hour ride. A group of Fulbrighters will be meeting at 1:30 for a bike ride. Bikes can be rented for about \$7/hour or \$23 for the day.

Participants will take public transit (or taxis) to Blazing Saddles at 2715 Hyde Street on the waterfront, near the Golden Gate National Recreation Area. The ride will hug the coast, and then go inland past the California Academy of Sciences, and ends with snacks and a visit to the Crissy Field Center – meeting up with the other tour (see left column).

For more information: www.blazingsaddles.com

California Academy of Sciences -

The California Academy of Sciences is a multifaceted scientific institution committed to leading-edge research, to educational outreach, and to finding new and innovative ways to engage and inspire the public. The California Academy's mission - to explore, explain and protect the natural world - extends to all corners of the institution; from a research expedition in the highlands of Papua New Guinea, to a teacher training program in a California classroom, to an interactive game on the museum exhibit floor. The 412,000 square foot structure is not only physically impressive, but it just may be the greenest museum on the planet, with a 2.5 acre Living Roof, an expansive solar canopy, an extensive water reclamation system, and walls insulated with recycled blue jeans. It also has the deepest coral reef exhibit in the world, a 4-story tropical rainforest, a towering T-Rex skeleton, a colony of African penguins, and many other exciting exhibits and animals.

General admission is \$25/person. To get there from the Hotel it's \$25-30 for a taxi. By public transit, it is a 25 minute ride on the Muni (\$2), with a 10-12 minute walk on each end. (Open 9:30-5)

More information: www.calacademy.org

How can we squeeze more food from a **RAINDROP?**



Farming feeds the world, but it depends on vital natural resources. Just consider this: irrigation for agriculture consumes 2/3 of the world's fresh water withdrawals.

Experts have concluded that agricultural output will need to double by 2050 to feed a growing world. We'll need to get more from each drop of irrigated water.

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Thank you for participating in the Fifth Annual FAST Conference.

FAST is an international grassroots network of Fulbright scholars and other leaders in scientific and technical fields. FAST is not affiliated with the Fulbright scholarship exchange program, but it draws its membership from the 100,000 alumni and the 7,000 new Fulbright grantees each year.

Individual and institutional members worldwide are involved in FAST's activities and programs. FAST builds expert groups and conducts global initiatives to better utilize the unique knowledge of Fulbright scholars in science and technology fields. The organization has worked with numerous government agencies, corporations, and organizations.

FAST Annual Conferences:

1. Science & Technology – Berlin, Germany – 2006
2. Millennium Development Goals – Panama City, Panama – 2007
3. Energy & Innovation – Boston, Mass – 2008
4. Innovation in Small Countries – Skopje, Macedonia – 2009
5. Sustainability – San Francisco, CA – 2010
6. Social Science – Heidelberg, Germany – 2011

Other FAST Conferences:

1. Digital Libraries for Science, Education and Culture, in partnership with UNESCO and the Moroccan Ministry of Higher Education & Scientific Research, Rabat, Morocco – 2007
2. Human Health & Environmental Challenges in the Middle East, in partnership with the Qatar Foundation, Doha, Qatar – 2008
3. Future of Cities, in partnership with Singapore's Agency for Science, Technology & Research, Singapore – 2008

Fulbright Academy of Science & Technology

PO Box 284, Cape Elizabeth, Maine (ME) 04107-0284
Tel: 207.799.3098 www.FulbrightAcademy.org

FAST is an independent, non-partisan membership organization and is not affiliated with the Fulbright program, national alumni groups, or the agencies and commissions involved in administering Fulbright exchanges.

FAST conferences, programs and forums are funded by contributions and memberships from individuals and institutions worldwide and through sponsorships and grants from entities that share our mission.

Our Institutional Members:

- Alfred State-SUNY College of Technology
- American Institute for Maghrib Studies
- Barbados Community College
- Booz Allen Hamilton
- Brigham Young University
- Commission on Graduates of Foreign Nursing Schools
- Colorado School of Mines
- Council on Undergraduate Research, USA
- Duke University
- Emory University
- Ferris State University
- FON University
- Fresno Pacific University
- George Mason University
- George Washington University
- Georgia Institute of Technology
- International Center for Chemical and Biological Studies, Karachi
- Instituto Superior de Economía y Administración de Empresas, El Salvador
- James Cook University, Australia
- Katholieke Universiteit Leuven, Belgium
- The Lemelson Foundation
- Louis Stokes Alliance for Minority Participation - Illinois
- Louis Stokes Alliance for Minority Participation - University of Texas System
- Monsanto Corporation
- Northeastern University
- Palm Beach Community College
- Pontificia Universidad Católica del Ecuador
- Saints Cyril & Methodius University
- Saybrook University
- Simmons College
- Singapore Management University
- Society for College & University Planning
- South East European University
- Universidad Autónoma de Yucatán
- Universidad Autónoma Metropolitana, Mexico City
- Universidad Metropolitana, Caracas
- Universidad Pedagógica de El Salvador
- University of Denver
- University of Michigan-Ann Arbor, School of Nursing
- University of Nebraska-Lincoln
- University of Nebraska-Omaha
- University of Pittsburgh
- University of San Francisco
- University of South Florida
- US Civilian Research & Development Foundation
- Wilmington College