

TASSA 2012 CONFERENCE PROGRAM

Saturday, March 3, 2012

7:30 - 8:30am	Breakfast and Registration
8:30 - 8:45am	Conference Greetings Murat Tarımcılar, <i>Conference Chair, The George Washington University</i> Haluk Ünal, <i>Acting President, TASSA, and Robert H. Smith School of Business</i> G. "Anand" Anandalingam, <i>Dean, Robert H. Smith School of Business</i>
8:45 - 9:00am	Conference Welcoming Address H. E. Namık Tan, <i>Ambassador of the Republic of Turkey</i>
9:00 - 10:00am	Social Sciences & Humanities "The World Our Grandchildren Will Inherit" Daron Acemođlu, <i>MIT</i> "Perspectives on the World Economy" Kemal Derviş, <i>Brookings Institution</i>
10:00 - 10:30am	Coffee Break and Poster Session
10:30 - 11:45am	Life Sciences "Advances in Genome Sciences and Applications for Human Health" Murat Günel, <i>Yale University</i> "Warding off a Deadly Disease: Bioengineering and Clinical Applications of Circulating Tumor Cells" Mehmet Toner, <i>Harvard University</i> "Gilgamesh to Genghis Khan: Hunting for Treasures in Fat" Gökhan Hotamışlıgil, <i>Harvard University</i>
11:45 - 12:30pm	Plenary Session "Science Advice to Government and Society: The Importance of Credible, Independent Sources" Bruce Alberts, <i>Professor, Department of Biochemistry and Biophysics, University of California, San Francisco. Editor-in-Chief of Science, United States Science Envoy</i>

Welcoming Remarks:

Wallace D. Loh, *President, University of Maryland*

12:30 - 13:15pm

Lunch

13:15 - 13:45pm

Poster Session

13:45 - 14:45pm

Parallel Sessions

Engineering & Applied Sciences

Social Sciences

**“Photonics based
Telemedicine Technologies
toward Smart Global Health
Systems”**

Aydoğan Özcan, *UCLA*

**“Autonomous Cars and the
Future of Driving”**

Ümit Özgüner, *The Ohio State
University*

**“Turkey as the Chair of G20 in 2015 - Research
Opportunities”**

Ahmet Faruk Aysan, *The Central Bank of the Republic of
Turkey*

Tuğrul Gurgur, *The Central Bank of the Republic of
Turkey*

“Expectations of the Business Community”

Emre Doğru, *TUSIAD*

14:45 - 15:00pm

Coffee Break

15:00 - 16:00pm

Young Scientists - Parallel Sessions

Discoveries, Decisions, and
Destinations: A Discussion Among
Young Biomedical Scientists and
Bioengineers

"Characterizing Protective Mucosal
Immune Responses to HIV"

Moderator: Melis Anahtar, *Harvard
University*

"Targeting Cancer's Metabolism:
Revisiting an Old Phenomenon"

Kıvanç Birsoy, *Whitehead Institute*

"Molecular Mechanisms of Brain
Aging and Neurodegenerative
Diseases"

Gizem Dönmez, *Tufts University*

"A Nanoliter-Scale HIV

Engineering Future Energy Systems

"Computational Intelligence for a Smart Electric
Grid"

Moderator: Şeyda Ertekin, *MIT*

"Turning Sunlight into Clean Fuels"

Anıl Ağral, *Lawrence Berkeley National Labs*

"Applied Photonics for a Sustainable Earth: High
Efficiency Light Emitting Diodes and Solar
Cells"

Can Bayram, *IBM Research Labs*

"Electroelastic Dynamical Systems for Energy

	Neutralization Assay for Single-Cell Harvesting" Screening" Ayça Yalçın Özkumur, <i>MIT</i>	Alper Ertürk, <i>Georgia Institute of Technology</i>
16:00 - 17:00pm	Coffee Break, Networking, "Meet and Discuss Workshops"	
	Engineering and Natural Sciences Life Sciences Social Sciences and Arts & Humanities	
17:00 - 18:00pm	"Strengthening Science, Technology and Innovation Cooperation between Turkey and the United States" Davut Kavranoğlu, <i>Deputy Minister, Ministry of Science, Industry, and Technology</i> Jonathan Margolis, <i>Acting Deputy Assistant Secretary, U.S. Department of State</i>	
19:30 - 21:00pm	Reception at the Turkish Embassy Hosted by H.E. Ambassador Namık Tan	

<u>Sunday, March 4, 2012</u>		
7:30 - 8:30am	Breakfast	
8:00 - 9:30am	Parallel Sessions	
	TASSA Business Session (8:00 – 9:30)	Immigration Law Workshop (8:30 – 9:30) "U.S. Visa Strategies: Challenges and Opportunities" Çiğdem Acar, <i>Acar Law Firm</i>
9:30 - 10:15am	"Developing Science and Technology in Developing World: Roadblocks and Solutions" Conversation with Barry Bloom, <i>Harvard University</i> Moderated by Gökhan Hotamışgil	
10:15 - 10:30am	Coffee Break	
10:30 - 12:30pm	Higher Education Models for Turkey Introductory Remarks:	

Gökhan Çetinsaya, *President, Council of Higher Education*

Moderator:

Erhan Erkut, *President, Özyeğin University*

Speakers:

Üstun Ergüder, *Sabancı University*

Öktem Vardar, *President, TED University*

Panelists:

Abdullah Atalar, *President, Bilkent University*

Mustafa Aydın, *President, Kadir Has University*

Murat Barkan, *President, Yaşar University*

Nilgün Halloran, *Vice President, Ankara University*

Ali Güngör, *Vice President, Bahçeşehir University*

Ümran İnan, *President, Koç University*

Kemal Köymen, *President, Maltepe University*

Ender Suvacı, *Vice President, Anadolu University*

Funda Sivrikaya Şerifoğlu, *President, Düzce University*

Derin Ural, *Vice President, İstanbul Technical University*

12:30 - 13:30pm

Lunch

13:30 – 13:45pm

The NeXXt Scholars Initiative

Sandra J. Laney, Office of the Science & Technology Adviser to the Secretary (STAS)
U.S. Department of State

13:30 - 15:30

Information Session: Recent Developments and Accomplishments at Turkish Universities

Anadolu University, Ankara University, Atılım University, Bahçeşehir University, Bilkent University, Boğaziçi University, Düzce University, İstanbul University, İstanbul Medeniyet University, İstanbul Technical University, Kadir Has University, Koç University, Maltepe University, Özyeğin University, TED University, TOBB University, Yaşar University, Yıldırım Beyazıt University

Conference Closing Remarks & Thank you

15:30pm

Job Market