



#### ILIA STATE UNIVERSITY

32 Chavchavadze Avenue | A campus, Room A101

#### WEDNESDAY, 13 APRIL

16:00 "Phonotactic Constraints and English Language Learning"  
Patrick Liu, Linguistics Scholar  
B.A., Ph.D., Harvard University; M.A.R., Yale University;  
M.A., Brandeis University

17:00 "Imagery and Imagination:  
The Sensory Functions Behind Reading"  
Philip Kim, Literacy Specialist  
B.A., Harvard University; M.A., Oxford University

18:00 "Financial Engineering: What Is It? Why Is It Useful?"  
Hendratta Dharmawan, Quantitative Software Developer  
and Finance Specialist  
B.S., Massachusetts Institute of Technology;  
M.B.A., Columbia University (in progress)

#### THURSDAY, 14 APRIL

16:00 "Genetic and Molecular Bases for Disease"  
Donald Choi, Chemistry Scholar  
M.S., Massachusetts Institute of Technology;  
Ph.D., Boston College

17:00 "The American Judiciary: An Introduction to the Various  
Courts of the US Federal and State Governments and  
Their Relationship"  
Tony Qian, Lawyer and Literature Scholar  
B.A., J.D., Harvard University; Ph.D., Harvard University (in progress)

18:00 "Corporations Law 101:  
Business Structures, and Structuring a Business"  
Amy Ling Kao, Corporate Lawyer  
B.S., UC Berkeley; J.D., Harvard University

SEED  OF HOPE  
LANGUAGE CENTER

*Opening  
Soon!*

Located in the center of Tbilisi, Georgia, our Seed of Hope (SOH) Language Center is dedicated to providing quality instruction for all levels of proficiency. We offer various courses: general English skills, academic writing, and business English.

sohlanguage.ge  
+995 322 43 11 88

#### ABOUT SEED OF HOPE

Seed of Hope is an international non-governmental organization with a mission to serve communities around the world through a range of health, education and economic development initiatives. With a particular focus on youth, Seed of Hope aspires to cultivate a generation of selfless, compassionate and visionary leaders who will bring lasting change to their communities.

The work of Seed of Hope is made possible through a committed network of university students and experienced professionals and leaders from North America and Asia. Our staff and volunteers share a vision to promote the flourishing of life and are inspired to give freely from the abundance of their own lives.

For more information:  
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www.plantthehope.org



2nd Annual Seed of Hope  
University Lecture Series  
13-15 April, 2016  
Tbilisi, Georgia

*Planting Hope One Seed at a Time*

## SCHEDULE OF LECTURES

### INTERNATIONAL BLACK SEA UNIVERSITY

2. David Agmashenebeli Alley 13th km  
Conf Hall #101, Admin Bldg, 1st Floor

#### WEDNESDAY, 13 APRIL

- 12:00 "Great Books: An Introduction to Some Foundational Works of World Literature"  
Tony Qian, Lawyer and Literature Scholar  
B.A., J.D., Harvard University; Ph.D., Harvard University (in progress)
- 13:00 "Phonotactic Constraints and English Language Learning"  
Patrick Liu, Linguistics Scholar  
B.A., Ph.D., Harvard University; M.A.R., Yale University;  
M.A., Brandeis University
- 14:00 "Linguistic Universals and Chomsky's Universal Grammar"  
Patrick Liu, Linguistics Scholar  
B.A., Ph.D., Harvard University; M.A.R., Yale University;  
M.A., Brandeis University

#### THURSDAY, 14 APRIL

- 12:00 "The Case for Quality Improvement in Hospital Healthcare Delivery"  
Albert Chi, Quality Assurance Specialist  
B.A., UC Berkeley; M.B.A., Boston University
- 13:00 "Expectations of Privacy in the Digital Age"  
Amy Ling Kao, Corporate Lawyer  
B.S., UC Berkeley; J.D., Harvard University
- 14:00 "Corporations Law 101: Business Structures and Structuring a Business"  
Amy Ling Kao, Corporate Lawyer  
B.S., UC Berkeley; J.D., Harvard University
- 15:00 "Commercial Air Service Development in the Caucasus and Around the World"  
Helen Huang, Aviation Strategist  
B.S., Massachusetts Institute of Technology

#### FRIDAY, 15 APRIL

- 12:00 "Financial Engineering: What Is It? Why Is It Useful?"  
Hendrata Dharmawan, Quantitative Software Developer and Finance Specialist  
B.S., Massachusetts Institute of Technology;  
M.B.A., Columbia University (in progress)
- 13:00 "Machine Learning: Data Mining and Modern Applications"  
Hendrata Dharmawan, Quantitative Software Developer and Finance Specialist  
B.S., Massachusetts Institute of Technology;  
M.B.A., Columbia University (in progress)
- 14:00 "A DevOps Approach to Cloud-Based Software Delivery"  
Andrew Wang, Software Engineer  
B.S., Universidade Estadual De Campinas;  
M.S., Columbia University; Ph.D., Boston University



### TBILISI STATE MEDICAL UNIVERSITY

33 Vazha Pshavela St. | Board Meeting Hall

#### THURSDAY, 14 APRIL

- 14:00 "Next Generation Sequencing Technology: Applications in Cancer Research and Drug Development"  
Jeremy Wu, Pharmaceutical Scholar  
B.S., M.S., Tsinghua University; Ph.D., Boston University;  
Fellow, Harvard University
- 14:35 "Medications to Help Quit Smoking"  
Lily Liu, Primary Care Physician  
B.A., Harvard University; M.D., University of Maryland
- 15:10 "Smart Biomaterials for Controlled Drug Delivery"  
Benita Chen, Deputy Director, US Food and Drug Administration  
B.S., Cornell University;  
Ph.D., Massachusetts Institute of Technology
- 16:30 "Management of Neuropathic Pain"  
Stephanie Cho, Spinal Cord Injury Physician  
B.A., Harvard University; M.D., New York University
- 17:05 "Migraine Headache Practice Essentials"  
Jung Yoon Choi, Primary Care Physician  
B.A., Massachusetts Institute of Technology;  
M.D., Boston University

#### FRIDAY, 15 APRIL

- 14:00 "How Clinical Quality Improvement is Implemented to Reduce Unnecessary Antibiotic Use in a Primary Care Network"  
Albert Chi, Quality Assurance Specialist  
B.A., UC Berkeley; M.B.A., Boston University
- 14:35 "Update in COPD Management"  
Lily Liu, Primary Care Physician  
B.A., Harvard University; M.D., University of Maryland
- 15:10 "Sepsis, Then and Now"  
Sou Thao, Internal Medicine Physician Resident  
B.A., UC Berkeley; M.D., Georgetown University
- 16:30 "Current Best Practices for Treatment of Pneumonia (Update)"  
Jung Yoon Choi, Primary Care Physician  
B.A., Massachusetts Institute of Technology;  
M.D., Boston University
- 17:05 "The Rapidly Changing Face of Diabetes Management (Update)"  
Lily Liu, Primary Care Physician  
B.A., Harvard University; M.D., University of Maryland

### IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY

1 Ilia Chavchavadze Avenue | Building 1, Room 323/217

#### THURSDAY, 14 APRIL

- 16:00 "Financial Engineering: What Is It? Why Is It Useful?"  
Rm 323 Hendrata Dharmawan, Quantitative Software Developer and Finance Specialist  
B.S., Massachusetts Institute of Technology;  
M.B.A., Columbia University (in progress)
- 17:00 "Machine Learning: Data Mining and Modern Applications"  
Rm 323 Hendrata Dharmawan, Quantitative Software Developer and Finance Specialist  
B.S., Massachusetts Institute of Technology;  
M.B.A., Columbia University (in progress)
- 18:00 "The Rise of NoSQL Databases"  
Rm 323 Andrew Wang, Software Engineer  
B.S., Universidade Estadual De Campinas;  
M.S., Columbia University; Ph.D., Boston University
- 19:00 "A DevOps Approach to Cloud-Based Software Delivery"  
Rm 323 Andrew Wang, Software Engineer  
B.S., Universidade Estadual De Campinas;  
M.S., Columbia University; Ph.D., Boston University

#### FRIDAY, 15 APRIL

- 16:00 "Genetic and Molecular Bases for Disease"  
Rm 217 Donald Choi, Chemistry Scholar  
M.S., Massachusetts Institute of Technology;  
Ph.D., Boston College
- 17:00 "Processing Unstructured Data in Big Data"  
Rm 217 Soyoung Kwon, Computational Linguistics and Artificial Intelligence Scholar  
B.A., M.A., Ewha Womans University; Ph.D., University of Georgia
- 18:00 "Dense Image Correspondences for Computer Vision"  
Rm 217 Ce Liu, Senior Research Scientist at Google  
B.E., M.E., Tsinghua University;  
Ph.D., Massachusetts Institute of Technology
- 19:00 "A Computational Approach for Obstruction-Free Photography"  
Rm 217 Ce Liu, Senior Research Scientist at Google  
B.E., M.E., Tsinghua University;  
Ph.D., Massachusetts Institute of Technology

