

VEF LECTURES AND PRESENTATIONS: JANUARY 2004 - AUGUST 2007

Summary: From January 2004 to August 2007, VEF supported 54 scientists from 50 U.S. institutions to deliver 83 lectures/ presentations at 79 Vietnamese host institutions. Typically, the lectures/ presentations are concurrent with the visits of U.S. scientists, who interview VEF Fellowship candidates or who are in Vietnam for other VEF activities. These events help the U.S. scientists to understand the Vietnamese educational situation and to consider building relationships with local institutions in order to do cooperative research. Importantly, these events help build the capacity of Vietnam in science and technology.

No.	Date	Presenter/ Affiliation	Title of Lectures/ Presentations	Host Institution
2004				
1	5-Jan-04	Minh Do; University of Illinois at Urbana-Champaign (UIUC).	How to Write a Good U.S. Graduate School Application.	Vietnam National University (VNU) - Ho Chi Minh City (HCMC).
	8-Jan-04		Wavelets in Signal Processing: An Advanced Graduate-Level Course at UIUC.	Vietnam Academy of Science and Technology (VAST).
2	5-Jan-04	Gertrude A. Bennett; University of North Carolina at Chapel Hill.	Putting Your Best Foot Forward: Succeeding in The Graduate Public Health Application Project.	Hanoi School of Public Health.
	14-Jan-04			Hanoi Medical University.
3	14-Jan-04	Hui Ming Chang; University of Texas-Houston, Health Science Center.	Pain Medicine and Palliative Care.	Hanoi Medical University.
4	14-Jan-04	Arnold J. Levine; Institute for Advanced Study.	Breast Cancer.	Institute of Biotechnology.
5	14-Jan-04	Marilyn Patillo; University of Texas at Austin.	The Importance of Public Health Care.	Hanoi Medical University.
6	14-Jan-04	Edward T. Yeh; M.D. Anderson Cancer Center.	Cardiovascular Diseases.	Institute of Biotechnology.
7	6-Aug-04	John E. Hopcroft; Cornell University.	A Theoretical Foundation for the Digital Age.	Hanoi University of Technology (HUT).
	12-Aug-04		The Science of Information Technology for Business.	University of Danang.
8	9-Aug-04	Charles R. O'Melia; Johns Hopkins University.	Issues of Water Environment and Impact to Social and Economic Life in Industrialization.	Ministry of Science and Technology (MOST), National Committee for Science and Technology Policy.
9	9-Aug-04	Randy H. Katz; University of California, Berkeley.	The Computer is the Network: The Emergence of Programmable Network Elements.	Hanoi University of Technology.
10	10-Aug-04	William B. Rouse; Georgia Institute of Technology.	Value-Centered R&D Organizations: Ten Principles for Characterizing, Assessing & Managing Value.	MOST, National Committee for Science and Technology Policy.
	12-Aug-04		The Future of Industrial Engineering and The Need to Know: Information, Knowledge, and Decision Making.	HCMC University of Technology, VNU-HCMC.
11	10-Aug-04	Marianne Winslett; University of Illinois at Urbana-Champaign.	An Introduction to Automated Trust Negotiation.	Institute of Information and Technology, VAST.
12	10-Aug-04	Robert Bishop; University of Texas at Austin.	Event Detection and Identification During Autonomous Interplanetary Navigation.	Institute of Mechanics, VAST.

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13	10-Aug-04	C.William Gear ; NEC Research Institute, Inc.	Computational Multiscale Modeling.	Institute of Mathematics, VAST.
	20-Aug-04			International University of HCMC, VNU-HCMC.
14	11-Aug-04	Palmer R. Beasley ; UT-Houston Health Sciences Center.	Towards the Eradication of HBV.	Hanoi School of Public Health.
	13-Aug-04			Institute of Hygiene and Public Health, HCMC.
15	11-Aug-04	Jesse L. Beauchamp ; California Institute of Technology.	Post-Huygens Exploration of Titan and Exploding Nanodroplets: Applications to Frontier Studies in Mars.	Institute of Chemistry, VAST.
16	11-Aug-04	George Haddad ; University of Michigan.	Solid State High Frequency Devices.	Institute of Material Science, VAST.
17	12-Aug-04	Anita Jones ; University of Virginia.	The Security of Cyber Infrastructure.	Post and Telecommunications Institute of Technology.
18	16-Aug-04	Jaw-Kai Wang ; University of Hawaii at Manoa.	Micro-Algae Based Recirculating Artemia and Shrimp Productions.	Institute for Aquaculture, Nha Trang.
	19-Aug-04			Can Tho University.
	18-Aug-04		Cage Culture and Impact on Water Quality.	An Giang University.
19	11-Aug-04	Jose Cruz ; Ohio State University.	Distributed Decision-Making in Complex Systems.	Institute of Mechanics, VAST.
	17-Aug-04		Distributed Decision-Making in Complex Systems.	Hue University of Sciences.
	18-Aug-04		Multi-Agent Decision-Making in Complex Systems.	
20	8-Nov-04	David E. Aspnes ; North Carolina State University.	Real-Time Application of Spectroscopic Ellipsometry to Semiconductor Heteroepitaxy and Processing.	Institute of Physics, VAST.
2005				
21	6-Jun-05	C.William Gear ; NEC Research Institute, Inc.	Modeling Over Multiple Time and Space Scales.	College of Technology (COLTECH), VNU-Hanoi.
22	6-Jun-05	Jaw-Kai Wang ; University of Hawaii at Manoa.	Microalgae - Small Size, Big Wonder.	Institute of Biological and Food Technology, HUT.
	14-Jun-05			Research Institute for Aquaculture, Nha Trang.
23	6-Jun-05	James F.Cremer ; University of Iowa.	Virtual Environments as Laboratories for Studying Human Behavior.	Post and Telecommunications Institute of Technology.
24	7-Jun-05	James. H. Curry ; University of Colorado at Boulder.	Singular Value Decomposition and Non-Negative Matrix Decomposition - A Tale of Two Factorizations.	Faculty of Mathematics, College of Science, VNU-Hanoi.
	8-Jun-05			Institute of Mathematics, VAST, Hanoi.
25	7-Jun-05	Ernest R. Davidson ; University of Washington.	Computation as a Route to Progress in Chemistry.	Faculty of Chemistry, College of Science, VNU-Hanoi.

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	10-Jun-05			Faculty of Chemistry, University of Natural Sciences, VNU-HCMC. Institute of Chemistry Technology, HCMC.
26	7-Jun-05	Karen Vogtmann; Cornell University.	The Topology of Automorphism Groups of Free Groups.	Faculty of Mathematics, Hanoi University of Education.
	8-Jun-05			Institute of Mathematics, VAST, Hanoi.
27	7-Jun-05	Robert Bishop; University of Texas at Austin.	Mars Exploration: A Brief History & New Trends in Precision Entry, Descent & Landing.	Institute of Mechanics, VAST, Hanoi.
	10-Jun-05			Faculty of Mechanics, HCMC University of Technology, VNU-HCMC.
28	8-Jun-05	Marianne Winslett; University of Illinois at Urbana-Champaign.	An Introduction to Trust Negotiation.	Hanoi University of Technology.
	10-Jun-05			International University, VNU - HCMC. University of Natural Science, VNU-HCMC.
29	8-Jun-05	Perry L. McCarty; Stanford University.	Toxic Chemicals in the Environment-Experiences & Concepts. Challenges in Environmental Biotechnology.	Institute of Environment Technology, VAST, Hanoi; Institute for Environment Science and Technology, HUT, Hanoi.
	10-Jun-05			Faculty of Environment Technology, VNU - HCMC.
30	10-Jun-05	John Savage; Brown University.	Computational Nanotechnology.	HCMC University of Technology, VNU-HCMC. International University, VNU-HCMC.
31	10-Jun-05	Kenneth E. Case; Oklahoma State University.	The Power of Statistics in Quality; The Future of Quality: A List of Ten Trends or Forces.	Faculty of Industrial Systems Engineering, University of Technology, VNU-HCMC.
	11-Jun-05			Institute of Statistics Science, General Statistics Office(GSO), Hanoi.
32	14-Jun-05	Palmer R. Beasley; UT-Houston Health Sciences Center.	Towards the Eradication of HBV.	Vaccine Institute in Nha Trang (during the First Young Vietnamese Scientists Meeting - YVSM'05).

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2006				
33	9-May-06	Isaac F. Silvera; Harvard University.	Colloquium: Current "Hot" Areas of Research in Physics	HCMC University of Natural Sciences (HCMUNS)
	11-May-06			HCMC University of Technology (HCMUT)
	15-May-06			Hanoi University of Science (HUS)
	17-May-06			Hanoi University of Technology (HUT)
34	21-Jun-06	Malcolm Gillis; Rice University.	Ten Strong Lessons from Economic Development over the Past 50 Years.	Faculty of Economics, VNU-Hanoi.
	23-Jun-06		The Convergence of 3 Technologies: Bio-Nano-Information Technology.	Vietnam Academy of Science and Technology (VAST).
	27-Jun-06			HCMC University of Technology, VNU-HCMC.
35	11-Sep-06	Ronal Larson; University of Michigan	Microfluidic Methods with Application to Portable Influenza Analysis	Dept. of Chemical Engineering, Faculty of Chemistry, HUS-VNU Hanoi
	15-Sep-06			Institute of Biological Technology, HUT
				Institute of Chemistry Technology, HCMC
36	11-Sep-06	Margaret Martonosi; Princeton University	The Princeton ZebraNet Project: Wireless Sensor Networks for Wildlife Tracking	HCMUT Dept. of Chemical Engineering
				Faculty of Telecommunication - HUT Post and Telecommunications Institute of Technology
37	11-Sep-06	C. Marjorie Aelion; University of South Carolina	1. Assessing Biodegradation of Organic Contaminants in the Environment - Lecture 2. Environmental Problems of the Southeastern United States - Discussion	Faculty of Environmental Engineering, National University of Civil Engineering Water Resources University
	15-Sep-06			HCMUNS Faculty of Environment
				HCMUT Dept. of Environmental Engineering
38	11-Sep-06	R. Palmer Beasley; UT-Houston Health Sciences Center	Current Trends in Public Health Education Requested Topics: Training for Bachelor of Public Health	Hanoi School of Public Health Hanoi Medical Uni., Faculty of Public Health
	12-Sep-06		1. Causation--How Can It Be Established? OR 2. Current Trends in Public Health Education	National Institute of Hygiene and Epidemiology (NIHE)
	15-Sep-06		Current Trends in Public Health Education	University of Medicine and Pharmacy at HCMC, Faculty of Public Health

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			1. Causation--How Can It Be Established? (Abstract Needed) AND 2. Current Trends in Public Health Education (Abstract Needed) (both	Pasteur Institute of Ho Chi Minh City - MOH
39	11-Sep-06	James Cremer; University of Iowa	Graphics, Animation, and Virtual Environments for Studying Human Behavior	Dept. of Information Tecnology, Hanoi University of Education College of Technology, Faculty of Computer Science
	15-Sep-06			HCMUT Faculty of Information Technology
40	11-Sep-06	Elena Aprile; Columbia University	The Quest for Dark Matter WIMPs and the XENON Experiment	Institute of Physics and Electronics - VAST
	15-Sep-06			HCMUT Faculty of Applied Science
41	11-Sep-06	George Stancel; University of Texas-Houston Medical School	1. Regulation of Endometrial Gene Expression by Estrogens, AND 2. Organization, Operation, and Governance of a Multi-Institutional, Multi-disciplinary, and Inter-disciplinary Graduate Program in Biomedical Sciences	Institute of Biotechnology, VAST
	13-Sep-06			Regulation of Endometrial Gene Expression by Estrogens Center for Biotechnology, VNU Hanoi
	15-Sep-06			1. Regulation of Endometrial Gene Expression by Estrogens, AND 2. Organization, Operation, and Governance of a Multi-Institutional, HCMUNS Faculty of Biology University of Medicine and Pharmacy at HCMC
42	11-Sep-06	Chandrajit Bajaj; University of Texas, Austin	Computational Bio-Nano Medicine	Institute of Information Technology, VNU Hanoi
	11-Sep-06	Bernard Phinney; University of California, Los Angeles	Discovering New Plant Hormones Using Chemical Genetics and Plant Physiology	Dept. of Biology Hanoi University of Education
	15-Sep-06			Institute of Tropical Biology
43	11-Sep-06	Bruce Driver; University of California, San Diego	Quantum Mechanics and Path Integrals	Faculty of Physics, HUS-VNU Hanoi
	15-Sep-06			HCMUNS Faculty of Physics
2007				
44	6-Aug-07	Robert D. Hanson; University of Michigan	Design for Vertical Evacuation from Tsunami	Institute of Mechanics, VAST
45	6-Aug-07	SonBinh Nguyen; Northwestern University	Graphene Sheets and Their Nanocomposites	Institute of Chemistry, VAST
	8-Aug-07			Faculty of Chemical Engineering, Hanoi University of Science - VNU Hanoi

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46	6-Aug-07	George Stancel; University of Texas Houston, Medical School	Organization, Operation, and Governance of Inter-disciplinary and Inter-Institutional Graduate (Ph.D.) Programs in Biomedical Sciences	University of Agriculture No1
47	6-Aug-07	James N. Walbert; Marymount University	The Best-Kept Secret of Computational Mathematics	Institute of Mathematics - VAST
48	7-Aug-07	Neal Van Alfen; University of California, Davis	A Disease of a Disease-Causing Fungus: An Opportunity to Understand the Molecular Basis of Virulence and Development of a	University of Agriculture No1
49	7-Aug-07	Vernon Snoeyink; University of Illinois, Urbana - Champaign	Drinking Water: Treatment to Minimize Water Quality Changes and Energy Losses During Distribution	Water Resources University
50	7-Aug-07	John Hopcroft; Cornell University	Future Directions in Computer Science	Hanoi University of Technology
51	8-Aug-07	Chandrajit Bajaj; University of Texas, Austin	Computer Sciences Research in the Biological Sciences	Institute of Biotechnology, VAST
52	8-Aug-07	Kenneth Case; Oklahoma State University	The USA's Malcolm Baldrige National Quality Award: Evolution as a Worldwide Roadmap for Organizational Performance	National Institute for S&T Policy (NISTPAS), Ministry of Science and Technology (MOST)
53	8-Aug-07	James Cremer; University of Iowa	Virtual Environments Graphics, Graphics, and HCI Research at The University of Iowa (plus a bit of information on applying to and getting a degree from U.S. graduate programs)"programs	Dept. of Information Tecnology, Hanoi University of Education
54	8-Aug-07	James Curry; University of Colorado, Boulder	Non-negative Matrix Factorization: The Extreme Data Property and Ill-Posedness	Faculty of Mathematics - Mechanics - Informatics, Hanoi University of Science - VNU Hanoi
	HCMC University of Natural Science, Faculty of Mathematics			
55	8-Aug-07	Laura H. Lewis; Northeastern University	Nanostructured Routes to Extreme Phenomena in Magnetic Materials	Institute of Materials Science - VAST
56	8-Aug-07	Guy Parcel; University of Texas Health Science Center/Houston	'Intervention Mapping: Planning Theory and Evidence-based Health Promotion Programs	Hanoi School of Public Health
	11-Aug-07			University of Medicine and Pharmacy in HCMC
57	8-Aug-07	John Savage; Brown University	Addressing of Self-Assembled Nanoarrays	Post & Telecoms Institute of Technology
58	8-Aug-07	Isaac Silvera; Harvard University	Hydrogen at Ultra High Pressure: The Quest for Metallic Hydrogen 1	Institute of Physics and Electronics - VAST
	10-Aug-07			HCM University of Technology, Faculty of Applied Science

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