

research newsletter



Eastern Mediterranean University

MARCH 2006 - No. 5

Editor-in-Chief
Prof. Dr. Derya OKTAY

Associate Editor
Donna Ruzzano

Editorial Assistant
Serkan Abbasođlu

Research Newsletter Secretariat
Eastern Mediterranean University
Office of the Vice Rector for Research
Gazimađusa, North Cyprus
Phone: +90 392 630 12 51
Fax: +90 392 365 16 04
URL: <http://research.emu.edu.tr>
E-mail: research.newsletter@emu.edu.tr

Research Advisory Board
Prof. Dr. Ayhan Bilsel (Chair)
Prof. Dr. Sabri Koç (Asst. Chair)
Prof. Dr. Hulusi Demir
Prof. Dr. Derya Oktay
Prof. Dr. Turgut Turhan
Prof. Dr. fiener Uysal
Prof. Dr. Elvan Yđlmaz
Assoc. Prof. Dr. Sđleyman đrvan
Assoc. Prof. Dr. Osman Karatepe
Assist. Prof. Dr. Ali Hakan Ulusoy
Sen. Ins. Feryal Varanođlularđ

EMU Research Newsletter is a quarterly publication intended to keep its readers updated on the research activities held at the university and to contribute to the mission of the Research Advisory Board towards promoting a research culture at the EMU. The data presented in the newsletter includes the material submitted by faculty / school members only.

Cover Photograph:
Dr. Senih Çavuşođlu

Printed by:
Eastern Mediterranean University
Printing-house, 2006.

Contents

Rector's Statement on the Research Initiative of EMU and the EU Framework Programme FP7	2
News	4
February 2006 Conference Funding	4
Spring 2006 Ministry of Education Awards	4
Short-Term Energy Policies Discussed in Panel Session	5
Research Activities	6
Citation Indexed Publications	6
Books	7
Chapters in Edited Books	7
Other Refereed Journal Articles	7
Refereed Conference Papers	8
Invited Lectures / Seminars	8
Exhibitions / Performances	9
Miscellaneous	10
Guest Speakers / Seminars / Symposia	12
Postgraduate Research News	14
Formats for Submissions	16

Rector's Statement on the Research Initiative of EMU and the EU Framework Programme FP7



Dear Colleagues,

In this issue, I wanted to put forth some information about our University's research initiative and the FP7. The Framework Programmes are the European Union's main instruments for funding research and development activities and they have been implemented since 1984 in five-year periods. The current Framework Programme (FP6) will be running up to the end of 2006, and the next one will be fully operational as of 1 January 2007, completing in 2013. This new programme, FP7, is designed to build on the achievements of its predecessor towards the creation of the European Research Area, and further the development of the knowledge economy and society of Europe.

Lisbon Agenda of EU, launched in 2000, calls for "a new strategic goal for the next decade: to become the most competitive and dynamic knowledge-based economy in the

world capable of sustainable economic growth with more and better jobs and greater social cohesion". The Seventh Framework Programme (FP7) is one of the most important initiatives associated to the Lisbon agenda for growth and competitiveness along with: A new Competitiveness and Innovation Framework Programme, Education and Training Programmes, and Structural and Cohesion Funds for regional convergence and competitiveness.

The FP7 is built on the central importance of research to a 'knowledge triangle', and its new budget will be 72 billion 726 million Euros. The main focus within the FP7 will be to establish links between science, research, and knowledge; integration at international corporation, and facilitation of financing aimed at fostering investment in research. Significant emphasis is put on research themes rather than on instruments, and its operation in implementation. A European Research Council will be established in order to fund the scientific activities in Europe, and it is believed that the FP7 will enhance the dynamism, creativity and excellence of European research at the frontier of knowledge in all scientific and technological fields, including engineering, socio-economic sciences and the humanities. Since Lisbon Agenda, EU with all its institutions has been aiming at enhancing excellence of research and scientific activities, because it is estimated that if any initiatives are

not taken, the EU would lose all its advantages in science against the US and Japan.

In conjunction with its current memberships in international higher education associations, EMU firmly aims at establishing more affiliations, and taking an active part in the international university network, and to be an equal member of international university associations. In regard to our "aiming for the peak of quality", all our efforts address a number of objectives such as creating high quality human resources, disseminating scientific discovery and advanced knowledge. In this sense, we as EMU should attempt to utilize the FP7 to further our University's research goals. The Frame Programme will help us focus not only advanced scientific researches but also establish links between development, economic prosperity and growth. It is obvious that the FP7 will provide various opportunities both in academic field and economic growth. Higher education is the primary medium of establishing economic prosperity and social welfare as well as competing in the global economy for Northern Cyprus. Higher education can also provide the platform for facilitating the removal of the political, economic, and cultural isolation felt so deeply in our country. Education is a basic human right and through education we can integrate with the global world system.

EMU's efforts to become a part of the international higher education

network and to have access to global world and higher education at international level will continue. This is an essential activity for all higher education institutions, and we aspire that our students and staff of all backgrounds will establish strong friendships, partnerships, and corporation alongside cultivating leadership skills and technical expertise with their counterparts overseas.

More than half the total FP7 budget will be devoted to supporting cooperation between universities, industry, research centers and public authorities in order to gain leadership in key scientific and technology areas. Support for training, mobility and careers development through reinforced 'Marie Curie actions' will aim to develop and strengthen the human resources for European research. EMU aims at being a part of this corporation and mobility network. Even though EMU is facing a number of obstacles and challenges (both from the political situation and isolation of the Northern Cyprus, and interferences from the institutions and the government of South Cyprus), as a European institution, we are determined to find our rightful place in FP7.

Our attempts to take part in Erasmus/Socrates Projects are under the way. It is certain that this process is tough, and requires hard work and much effort. Although this might take some time and may not move as fast as we like, we are confident that we will prevail. With this belief, we have established a FP7 Project Development Office. In order to benefit from the FP7, what

we have to do is to prepare a number of serious research and scientific project proposals. In the light of motto "aiming at the peak of quality", EMU is capable of achieving this goal.

I strongly believe our efforts towards the seventh Framework Programme and Erasmus/Socrates will make enormous contribution to our campus, our students and teaching staff. It will also facilitate social development by increasing awareness in R&D, and hence provide service to our community.

Prof. Dr. Halil Güven

February 2006 Conference Funding

In the first quarter of 2006, 16 faculty/school members and one research assistant were provided conference funding amounting to a total of USD 19,500 for participation in various conferences in many countries, including Turkey, Italy, France, Malaysia, the USA, Japan, Thailand, Indonesia, Austria, and the UK.

Ministry of Education and Culture Awards

Scientific Activities that are supported by the Higher Education Awards of the Ministry of Education in 2005-2006 are as follows:¹

Dizem Arifler (Physics)

Project Title: Biomedical Optics for Early Cancer Diagnosis: Optimization of Optical Imaging Sensors via Model-based Analysis of Biophotonics
Award: 14,000 YTL

Zeki Bayram (Computer Engineering)

Project Title: Developing an Application Architecture and Portal for E-Government using Semantic Web Services Technologies
Award: 10,000 YTL

Hasan Ali Bıçak (Banking and Finance)

Project Title: Contribution of the Higher Education on the Economy of North Cyprus
Award: 8,600 YTL

Gül Celkan (English Language Teaching)

Project Title: Role of Women in Political Life in the Turkish Republic of Northern Cyprus, and How They Perceive Politics
Award: 9,143 YTL

¹ 30 % of these funds are covered by the EMU research funds.

Mürüde Çelika² (Civil Engineering)

Project Title: Ductile and Earthquake Resistant Behaviour of Beam-to-column Connections in Steel Frames
Award: 10,289 YTL

Naciye Doratlı (Architecture)

Project Title: International Summer School, 19-30 June 2006
Award: 7,143 YTL

Erzat Erdil (Electrical and Electronic Engineering)

Project Title: Development of on-line alumni tracking system to analyze response by employers and graduates to questionnaire designed to search for effectiveness of our teaching program as requested by ABET 2000 criteria
Award: 2,857 YTL

Majid Hashemipour (Mechanical Engineering)

Project Title: Development of Virtual Reality-Based Flexible Manufacturing System Design and Analysis Systems for Small to Medium size Enterprises
Award: 10,500 YTL

fiybnem Hoflkara (Architecture)

Project Title: Project for the Revitalization of Dipkarpaz Village
Award: 10,643 YTL

Naciye Kunt (English Language Teaching)

Project Title: The 2nd International ELT Conference
Award: 7,143 YTL

Uwe Müller (Archaeology and Art History)

Project Title: Kaleburnu-Kraltepe / Galinoporni-Vasili: Cypriot-German Cooperation for the Interdisciplinary Investigation of a New Late Bronze Age Regional Centre in Cyprus
Award: 37,500 YTL

Filiz Sarıođlu (Mechanical Engineering)

Project Title: Image Analysis of The Microstructure of a Particulate Reinforced Aluminum Matrix Composite

Award: 13,000 YTL

Netice Yıldız (Architecture)

Project Title: Catalogue of the Illuminated Manuscripts and Bookbindings in the TRNC Collections

Award: 6,500 YTL

Short-Term Energy Policies Discussed in Panel Session

The Energy Research Centre (ERC) of the Eastern Mediterranean University (EMU), organized a panel session entitled "Short Term Energy Investment Policies for North Cyprus" on 28th of January in the conference hall of the Cyprus Turkish Medical Association. Guest speakers were Mr. Ahmet Hüdadođlu, Chairman of the Executive Board of Cyprus Turkish Electricity Board, KIB-TEK, Mehmet Salih Gürkan, Chief Engineer of the Power Plants and Martyn Osborne, Project Manager of the Resource Efficiency Achievement Project. Asst. Prof. Dr. Uđur Atıkol, Director of ERC, chaired the panel session.

Prof. Dr. Halil Güven, Rector of EMU, delivered the opening speech where he expressed the need to have control over the demand and supply of energy.

Mr. Hüdadođlu said that the present problems arise from a lack of understanding of the technical problems by politicians. He said "due to this lack of understanding, there is a shortage of proper planning of energy issues."

Mr. Gürkan pointed out that that there is a need of a SCADA system and a new load distribution centre in order to be able to control the power contributions of each power plant to the main system. He also said that in the near future maximum peak demand will be determined by the summer peak demand due to the rise in air conditioning load.

Mr. Osborne emphasized the need of avoiding electricity cuts as manufacturers experience many problems, which leads to loss of time and money for them. He said that the demand must be reduced to be in balance with the supply. He added that according to his experience the electric tariffs are lower than they should be.



Arts and Sciences

Daoud, D.S., "Nonoverlapping Domain Decomposition and Additive Splitting up Methods for Multidimensional Parabolic Problem", Numerical Methods for Partial Differential Equations, Vol. 22, No. 1, pp. 18-31, 2006.

Halilsoy, E., Halilsoy, M., and Ünver, O., "Colliding Wave Solutions from Five-dimensional Black Holes and Black P-branes", Journal of Mathematical Physics, Vol. 47, No. 1, pp. 1-20, 2006.

Hasipoğlu H.N., Caner H, Yılmaz, E., and Yılmaz, O., "Preparation and Characterization of Maleic Acid Grafted Chitosan", International Journal of Polymer Analysis and Characterization, Vol. 10, No. 5-6, pp. 313-327, 2005.

Mahmudov, N.I., "Existence and Uniqueness Results for Neutral SDEs in Hilbert Spaces", Stochastic Analysis and Applications, Vol. 24, No. 1, pp. 79-95, 2006.

Mahmudov, N.I. & McKibben, M.A., "Abstract Second-order Damped McKean-Vlasov Stochastic Evolution Equations", Stochastic Analysis and Applications, Vol. 24, No. 2, pp. 303-328, 2006.

Paflaoğlu, N., Çil, H., and Demuth, M., "Symmetrical and Unsymmetrical Perylene Diimides: Their Synthesis, Photophysical and Electrochemical Properties", Dyes and Pigments, Vol. 69, No. 3, pp. 118-127, 2006.

Ulubayram, K., Kızıltay, A., Yılmaz, E., and Hasircı, N., "Desferrioxamine Release from Gelatin-based Systems" Biotechnol. Appl. Biochem. vol. 42, no.3, pp. 237-245, 2005.

Yılmaz, E., Özalp, D., and Yılmaz, O., "Miscibility Study of Chitosan/poly (vinylpyrrolidone) Blends in Dilute Solution", International Journal of Polymer Anal. Charact., vol. 10, no. 5-6, pp. 329-339, 2005.

Yılmaz, E., & Bengisu, M., "Drug Entrapment in Silica Microspheres through a Single Step Sol-Gel Process and In-Vitro Release Behavior", J. Biomed. Mater. Res. Part B - Appl. Biomater., vol. 77B, no. 1, pp. 149-155, 2006.

Business and Economics

Araslı, H., Kaptıoğlu, S., and Smadi, S.M., "Service Quality in Commercial Banking: Empirical Evidence from Turkish and Greek Speaking Areas of Cyprus", International Journal of Bank Marketing, Vol. 23, No. 7, pp., 2005.

Communication

Goby, V.P., "Personality and Online/offline Choices: MBTI Profiles and Favored Communication Modes in a Singapore Study", Cyberpsychology & Behavior, Vol. 9, No. 1, pp. 5-13, 2006.

Engineering

Bayram, Z., "An Investigation of the Course-section Assignment Problem", Lecture Notes in Computer Science, Vol. 3733, pp.874 - 883, 2005.

Egemen, M. & Mohamed, A.N., "Clients' Needs, Wants and Expectations from Contractor Firms & Approach to the Paradigms of Marketing Concept as a Basis of a Complete Marketing Strategy", Journal of Building and Environment, Vol. 41, No. 5, pp. 602-614, 2006.

Kostin, A. & Basri, E., "Fault Tolerant and Robust Mutual Exclusion Protocol for Synchronous Distributed Systems", Lecture Notes in Computer Science, Vol. 3733, pp. 162-172, 2005.

Kömürçügil, H., & Kükrer, O., "A New Control Strategy For Single-Phase Shunt Active Power Filters Using a Lyapunov Function", IEEE Transactions on Industrial Electronics, Vol. 53, No. 1, pp. 305-312, February 2006.

Ramadan, O., "ZT-ADIPML: Unconditionally Stable PML Algorithm for FDTD Simulations", Microwave and Optical Technology Letters, Vol. 48, No. 2, pp. 393-396, 2006.

Yılmaz, E., & Bengisu, M., "Drug Entrapment in Silica Microspheres through a Single Step Sol-Gel Process and In-Vitro Release Behavior", J. Biomed. Mater. Res. Part B - Appl. Biomater., vol. 77B, no. 1, pp. 149-155, 2006.

Zare-Hoseini, H., Kale, C., and Morling, C.S., "Highly Linear Transconductance Topology Using Floating Transistors", Electronics Letters, Vol. 42, No. 1, pp. 2-4, 2006.

Computing and Technology

Amca, H., Rızaner, A., Hacısözlü, K., and Ulusoy, A.H., "Training Sequence Aided Signature Waveform Estimation", Wireless Personal Communications, Vol. 36, No. 1, pp. 45-57, 2006.

Hasıroğlu, H.N., Caner, H., Yılmaz, E., and Yılmaz, O., "Preparation and Characterization of Maleic acid grafted chitosan", International Journal of Polymer Analysis and Characterization, vol. 10, no. 5-6, pp. 313-327, 2005.

Tourism and Hospitality Management

Araslı, H., Kabırcıoğlu, S., and Smadi, S.M. "Service Quality in Commercial Banking: Empirical Evidence from Turkish and Greek Speaking Areas of Cyprus", International Journal of Bank Marketing, Vol. 23, No. 7, pp., 2005.

Karatepe, O.M., "The Effects of Selected Antecedents on the Service Recovery Performance of Frontline Employees", The Service Industries Journal, Vol. 26, No. 1, pp. 39-57, 2006.

Books

Business and Economics

Keleşli, R., "Kentleşme Politikası", 9th Edition, (mge Yayınları, Ankara, 2006.

Keleşli, R., "Yerinde Yönetim ve Siyaset", 5th Edition, Cem Yayınları, İstanbul, 2006.

Chapters in Edited Books

Architecture

Yıldız, N., "Wakf in Ottoman Cyprus", Frontiers of Ottoman Studies, State, Province, and the West, Vol. II, (Eds: Colin, I., Keiko, K., and Rhoads, M.), I.B.Tauris Publications, London / New York, 2005, pp. 179-196.

Tourism and Hospitality Management

Alipour, H. & Hall, D., "The Mediterranean Enlargement: An Overview", Tourism in the New Europe: the Challenges and Opportunities of EU Enlargement (Eds: Hall, D., Marcciszewska, B., and Smith, M.), CABI: Oxfordshire, UK, 2006, pp. 207-231.

Other Refereed Journal Articles

Arts and Sciences

Giray, A., "Music Technology: Same Music, Different Media", Online Music Journal of Bilgi University, İstanbul, February 2006.

Engineering

Doukhnitch, E., & Salamah, M., "A Simple Hardware-Oriented Algorithm for Hyperbolic Location", *Artificial Intelligence Journal*, No.3, pp.140-148, 2005.

Egemen, M. & Mohamed, A.N., "Different Approaches of Clients and Consultants to Contractors' Qualification and Selection", *Journal of Civil Engineering and Management*, Vol. 11, No. 4, pp. 267-276, 2005.

Egemen, M. & Mohamed, A.N., "A Critical Review of Marketing Strategies and Practice of Contracting Organization in Turkish and Northern Cyprus Markets", *NICMAR, Journal of Construction Management*, Vol. 21, No. 1, 2006.

Law

Erhürman, T., "Kıbrıs Türk Solu, Hukuk ve Modernleşme", *Kıbrıs Yazıları*, No. 1, pp. 18-24, 2006.

Tourism and Hospitality Management

Karatepe, O.M., Yavas, U., and Babakufi, E., "Measuring Service Quality of Banks: Scale Development and Validation", *Journal of Retailing and Consumer Services*, Vol. 12, No.5, pp. 373-383, 2005.

Refereed Conference Papers

Communication

Hançer, E., "Gazetelerdeki Sahiplik Yapısı ve Haber Üzerindeki Etkileri", 9.Ulusal Sosyal Bilimler Kongresi: Kıbrıs Türk Medyası ve Gazeteciler, Orta Doğu Teknik Üniversitesi, Ankara, Turkey, 7-9 December 2005.

Çatal, Ö., "Radyo ve Televizyonlarda Sahiplik Yapısının Haber Üzerindeki Etkileri", 9.Ulusal Sosyal Bilimler Kongresi: Kıbrıs Türk Medyası ve Gazeteciler,

Orta Doğu Teknik Üniversitesi, Ankara, Turkey, 7-9 December 2005.

Engineering

Çelik, D., & Elçi, A., "A Semantic Search Agent Approach: Finding Appropriate Semantic Web Services Based on User Request Term(s)", *Enabling Technologies for the New Knowledge Society, ITI 3rd International Conference on Information & Communication Technology (ICICT 2005)*, Cairo, Egypt, 5-6 December 2005.

Law

Erhürman, T., "İnsan Hakları Hukuku mu? İnsan Haklarına Dayalı Hukuk mu?", *Hukuk Kurultayı*, Ankara Barosu, Ankara, 3-7 Ocak 2006.

Turhan, T., Alibaba, A. and Gündüzler, U., "Legal Education in North Cyprus", 10th Anniversary Conference of the European Law Faculties Association: Researching Legal Education, Leuven, Belgium, 9-11 February 2006.

Computing and Technology

Rızaner, A., Amca, H., Hacıoğlu, K., and Ulusoy, A. H., "Iterative Least Squares Channel Estimation in Frequency Selective CDMA Systems", *AICT06, Advanced International Conference on Telecommunications*, Guadeloupe, French Caribbean, 19-25 February 2006

Invited Lectures / Seminars

Architecture

Oktay, D., "Kent Mekanlarının Kentsel Kimlik, Canlılık ve Yaratıcılık Bağlamında Değerlendirilmesi: Dünya Kentlerinden Örneklemeler", Thursday Seminars, Union of the Cyprus Turkish Engineers and Architects, Chamber of Architecture, Lefkofla, 8 December 2005.

Architecture



Senih ÇAVUFLU participated in an exhibition (curated by Ümit KATÇI) against war called "Powerlessness" (Kudret-sizlik).

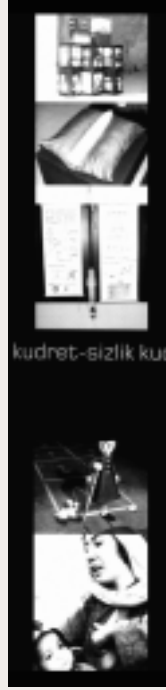
The exhibition was organized, in memory of İhsan Ali, by the Cyprus Art Association, Famagusta, and took place at Twin Churches located in the walled city of Famagusta, on 3-13 February 2006. The participating artists presented their works in mixed media, video art, digital prints, visual installations and sculptures.

Arts and Sciences

Shane Fage and Aslı Giray organized and participated in a Photography Exhibition at the EMU Library Exhibition Hall. The exhibition was opened by Assist. Prof. Dr. Samil Erdogan, Advisor to the Rector for Student Affairs, on 19 January 2006.

Aleksandr Mekaev performed in a Vocal and Piano Recital with V. Belova (soprano) and E. Belov (baritone) at the Moscow Theatre Museum, Russia, on 14 January 2006.

Aleksandr Mekaev performed in a Flute and Piano Recital with H. Ayvazoglu (flute) at Izmir State Opera Elhamra Hall, Turkey, on 18 January 2006.



Architecture

Naciye Doratlı served on the TRNC CULTURE ART ASSEMBLY - ANTIQUITIES COUNCIL (organized by the Ministry Education and Culture) during the preparation period between February - April 2006, and on the Culture Art Assembly, 4-7 April 2006, as the Chair of the Committee for Planning, Architecture and Antiquities.

Derya Oktay served on the TRNC CULTURE ART ASSEMBLY - ANTIQUITIES COUNCIL (organized by the Ministry Education and Culture) during the preparation period between February - April 2006, and on the Culture Art Assembly, 4-7 April 2006, as the Vice Chair of the ANTIQUITIES COUNCIL.

Derya Oktay chaired the first and second (final) stage of the Architectural Design Competition Juries organized jointly by the Chamber of Architects and the Chamber of Commerce and Industry of Bolu, Turkey, on 15-17 January, and 15-16 March 2006. The competition subject was a new building complex for the Chamber of Commerce and Industry (Bolu Ticaret ve Sanayi Odası Hizmet Kompleksi), which is going to be a prestigious building for Bolu and to be implemented soon. The jury included academics from different universities in Turkey.

Zehra Öngül won first honourable mention prize and Cem Kara won third honourable mention prize in a photography competition. The theme of the competition was "Konut ve İnsan". It was organized by Cyprus Turkish Engineers and Architects Union, Chamber of Architects.

Banu Tefvikler Çavuşoğlu and Senih Çavuşoğlu were commissioned to design a "donation box" for the SOS Children's Village, North Cyprus. The main idea for the design was, while trying to get the public involve in the improvement of living conditions of the children of SOS, to emphasize the strong and trustworthy structure of the SOS association.



Banu Tefvikler Çavuşoğlu, Afet Çeliker, and Didem Çelik designed the Social Club for the Union of Medical Doctors Headquarters, in Nicosia. Their design revealed the contemporary and futuristic vision of the doctors.



Each designer received a thank you plaque on the opening day of the center.

Articles in Professional Bulletins

Hofkara, fi., "Mimarlar için Kentsel Tasarım", Mimarca (Chamber of Cyprus Turkish Architects Bulletin), Year 16, Vol. 72, pp. 50-52, 2005.

Oktay, D., "Kentbilimdeki Gelişmeler Işığında Kentlerimiz ve Mimarlık", Mimarca (Chamber of Cyprus Turkish Architects Bulletin), Year 16, Vol. 72, pp. 34-38, 2005.

Encyclopedia Entries

Yıldız, N., "Cyprus", in: ed. Josef W. Meri et al., *Medieval Islamic Civilization: An Encyclopedia*, (Medieval Islamic Civilization, Medieval Islamic History, Medieval Islam, Medieval Islamic Culture, Daily Life, Rituals, Routledge Encyclopedias of the Middle Ages), 2 Volumes, New York: Routledge - Taylor & Francis Group, Vol. I, pp. 188-190, 2005.

Yıldız, N., "Aqueduct", in: ed. Josef W. Meri et al., *Medieval Islamic Civilization: An Encyclopedia*, (Medieval Islamic Civilization, Medieval Islamic History, Medieval Islam, Medieval Islamic Culture, Daily Life, Rituals, Routledge Encyclopedias of the Middle Ages), 2 Volumes, New York: Routledge - Taylor & Francis Group, Vol. I, pp. 51-53, 2005.

Arts and Sciences

Gül nanc Barkay spent the Fall Semester of 2005-2006 in Connecticut, USA as an exchange scholar, teaching at Central Connecticut State University (CCSU). She taught two courses in the Department of History on the History of the Ottoman Empire and the History of Modern Middle East. During her stay she organized a conference on the Cyprus Issue in Washington DC on the 2nd of November, 2005. This conference was funded by TUSIAD and Institute of Turkish Studies in Georgetown University. She conducted her research at CCSU. The facilities there helped with initiating an edited book project entitled, "Bureaucratic Elites of the Modern Middle East" (Invited for review by Indiana University Press).

Michael Walsh spent the Fall Semester of 2005-06 as an exchange scholar at EMU's twin university, Central Connecticut State University, in the USA, where he taught courses on British Art and Italian Renaissance Art and Architecture. In addition, the exchange program allowed him to take up a position as Visiting Research Collaborator at Princeton University, where the following publications were completed:

Book (edited): *A Dilemma of English Modernism: Verbal and Visual Politics in the Life and Work of CRW Nevinson* (University of Delaware Press, 2006).

Article: 'Martyrs and Mariners: Some Surviving Art in the Church of SS. Peter & Paul, Famagusta, N. Cyprus' *Mediterranean Studies* (Manchester University Press, 2006).

Later, as the recipient of the Harry Ransom Humanities Research Award, he was in residence at the University of Texas at Austin (January 2006) which enabled him to finish the first draft of the biography: *Hanging a Rebel: The Life and Work of CRW Nevinson* (invited for review by WW Norton and also Lutterworth Press).

The facilities there also helped with writing the Introduction to a forthcoming edited collection entitled: *Avant Garde and Avant Guerre: London, Modernism and 1914* (Invited for review by Cambridge University Press and Ashgate).

Book Reviews

Giray, A., "Trapped in the Green Line" (by Tony Angastiniotis), *Journal of Cyprus Studies*, Vol. 11, No. 28/29, pp.141-144, 2005.

Business and Economics

Translation

Kelefl, R., "Çevre Etiği: Çevre Felsefesine Giriş", (translated from J. D. Jardins), *İmge Yayınları*, Ankara, Turkey, 2006.

Guest Speakers / Seminars / Symposia

In the period of 1 December 2005 - 28 February 2006, EMU hosted many lectures, seminars and panels, which featured prominent participants from North Cyprus and other countries. Some of these events are as follows:

Faculty of Education

Lecture: "Bilgi, Toplum ve Eğitim"

Assoc. Prof. Dr. Hüseyin Uzunboylu
Near East University

Faculty of Communication

Lecture: "Doğu Suffolk'ta Fetih, Kolonileşme ve Kültürel değişimler"

Çağdaş Lara Çelebi
Ph.D. candidate at University of Athens

Faculty of Engineering

Lecture: "KKTC'deki su kaynakları ve sorunları"

Mustafa Alkaravallı
Director of Geology and Mine Office

Faculty of Law

Lecture: "Yeni Türk Ceza Kanununun temel sorunları"

Assoc. Prof. Dr. Türkan Sancar
Ankara University

Lecture: "KKTC Hukukunda Askeri Mahkemeler"

Öner Fierifoğlu
Lawyer
Famagusta Bar Association

Department of Archaeology and Art History

Lecture: "Pharos foundation"

Garo Keheyan
Director

Department of Banking and Finance

Lecture: "The North Cyprus Economy in the light of the latest financial and economic developments"

Ersin Tatar
Charter Accountant

Department of Computer Engineering

Lecture: "Bilgisayarların günlük yaşamımıza olan etkisi"

Asst. Prof. Dr. Doğan Haktanır
Electric and Electronics Engineering Department
Near East University

Department of Electrical and Electronic Engineering

Lecture: "Satellite Communications case study: BILSAT - 1"

Ali Telli
TUBİTAK BILTEN Satellite Technologies Group

Lecture: "GSM: Telsiz Devrimi"

Gürkan Sarıoğlu
General Manager
KKTCELL

Department of English Language and Education

Lecture: "Dil ve Gülmece"

Prof. Dr. Ünsal Özünü
Chair of English Language Teaching
International Cyprus University

Department of English Language and Humanities

Lecture: "Jazz & American Culture"

Dr. Peter Rutkoff
American Studies, Kenyon College,
USA

Department of Interior Architecture

Lecture: "Maçusa Antolojisi"

Martin Bayens
Chair of Department of Design

Department of International Relations

Lecture: "Kıbrıs: Yeni bir çökmeze girerken"

Asst. Prof. Dr. Tim Potier
International Law and Human Rights Department
Intercollege

Department of Mathematics

Lecture: "KKTC'deki Sürdürülebilir Su Kaynakları Yönetimi"

Dr. Mehmet Necdet
Geology and Mine Office

Department of Mechanical Engineering

Lecture: "Yeni Dizel Partikül Filtresi Teknolojisi"

Seçkin Durmaz
Citroen Company
ASEL Engineering Ltd.

Department of Political Sciences

Lecture: "Türkiye'de Kamu Yönetimi Reformu"

Assoc. Prof. Dr. Ahmet Alpay Dikmen
Faculty of Political Sciences
Ankara University

School of Computing and Technology

Lecture: "KKTC'deki E-ticaret"

İlhami Kocabaşık
Director of Cybase Ltd.

Physiological Counselling Guidance and Research Centre

Lecture: "Normal Reading and Dyslexia in Turkish"

Dr. İlhan Raman
School of Health and Social Sciences
Middlesex University
United Kingdom

Centre for Women's Studies

Lecture: "Toplumsal Uzlaşıda Kadının Rolü"

Canan Öztoprak
Minister of Education and Culture

Postgraduate Research News

The following students successfully completed their graduation requirements for the Master's and Ph.D. degrees in the period of 1 December - 28 February 2006. The students' thesis titles are also listed below.

PhD

POLAT HANÇER

Thermal Insulations of Roofs for Warm Climates.

MEHMET ALÇUTUT

High Stakes Testing Design Toward Measuring the Mathematical Performance of Fourth Graders.

Master of Architecture

NOOR CHOLIS IDHAM

Javanese Vernacular Architecture of Indonesia: Study of Environmental Acclimatization in Warm-Humid Climate.

NİHAN ARSEVEN

Ornamentations of Traditional Domestic Doors in North Cyprus.

ELİF CEMRE BAKKALOĞLU

A Quest on Flexibility Criteria in the Design of Residential Interior Spaces.

SERTAÇ ÇLTER

Structures in Nature and in Contemporary Architecture.

Master of Business and Administration

GÖNÜL ERÖREN

Violence, Mistrust and the Denial of Self-Determination: A Historical Study of the Palestinian Question on the Road to Oslo.

MOHAMED AHMED SESAY

The Expansion of a Pineapple Plantation in Ghana.

BLERINA MOCAJ

Efficiency of Pension Funds management in OECD Countries: Registered Retirement Savings Plan in Canada.

KESJANA HALÇLÇ

Risk Management in North Cyprus Banking Sector.

BAKHTİYOR TURAEV

The Banking System of Russian Federation and Recent Reforms of Russian Banking System.

FEVZÇ KIZILKILINÇ

Financial and Economic Feasibility Study of Kalecik Port Project in North Cyprus.

SETH NII AYI QUARCOO

An Evaluation of the Risks and Rewards of Debit and Credit Cards in the Ghanaian Banking Industry.

SERGE JOSUE AZONHE

Micro Finance and Poverty in Benin.

LULU BADDAR

Conflicts in the Work-Family Interface and Job Stress: An Empirical Study of Frontline Employees in the Jordanian Hotel Industry.

ALÇBAVÇK

The Effects of Nepotism on Human Resource Practices, Job Satisfaction, Quitting Intention and Negative Word of Mouth: The Case of Hotels in Northern Cyprus.

AMIR KARIM SADREDINI

Exploration of Customer-Based Brand Equity Components: An Empirical Study on 5 Star Hotels in TRNC.

ÇFFET ERCENAP

Nepotism and Favoritism in the Banking Industry: Some Evidence from Northern Cyprus.

Master of Education

FATMA KAL ÇAĞIN

How Socio-Economic Status of Kindergarten Children Affects Their Number Concept Development in Turkish Republic of Northern Cyprus.

Master of Science

ABDULHAKIM ESSARI

Effect of Aging on Mechanical Properties of Al-8Si-8Fe-1.4V/SiCp Composites

ZÜYA EDİZ GÜRSAN

An Expert Advisory System for Primary School Children's Product Design

AMJAD WAJIB SANDOUKA

Novel Hardware-Oriented Algorithms for TDOA Positioning Technique in Cellular Networks

FAHRİ ASVAROĞLU

Compression and Affine Transforms Resilient Watermarking.

HAMED FARAHANI MANESH

Visualization of Numerical Simulation of an Impinging Square Jet Using Virtual Reality.

GİZEM OLGU

Integrating Disparate Ontologies through Semantically Splitting Multiword Elements.

EMİN EMRE LAPACI

Implementation of an Ordering System by Using Pocket PCs.

SYED ZAHEER A. MUJTABA

Gravitational N-Body Simulator.

YOUNESS SHARIFI

Hydro-Climatological Variations and Trends in TRNC.

CERAN BAYRAMER

A Hardware-Oriented Algorithm for Angle of Arrival Positioning Technique in Cellular Networks.

PEK KASABOĞLU

Conceptual Understandings of the Students in Atom Related Topics.

EMİNE ÖZERGİN

Combined Additive and Multiplicative Splitting for the Solution of High Dimension Convection Diffusion Equation.

Formats for Submission

Teaching staff at EMU are invited to send any relevant information to be included in subsequent newsletters. All material submitted should be in English and sent to the following e-mail address:
research.newsletter@emu.edu.tr

All visual materials submitted should be in .jpg, .jpeg, .gif, and .tiff format and high quality.

Research projects

Commissioned research projects preferred. Brief description is required.

Research Activities

Books

Expert, A.N., A Book He Wrote, His Publisher, Place, 2005.

Chapters/Articles in an edited book

Expert, A.N., "Some Related Chapter I Wrote", in A Book He Wrote (Ed: His Name), His Publisher, Place, 2005, pp. 10-30.

Refereed journal article for one author

Author, I.M., "Some Related Article I Wrote", Some Fine Journal, Vol. 17, Issue 1, pp. 1-10, 2005.

Refereed journal article for two and more authors

Author, I.M. & Author Y.M. "Some Related Article We Wrote", Some Fine Journal, Vol. 17, Issue 1, pp. 1-10, 2005.

Author, I.M., Author, Y.M., and Author, V.M. "Some Related Article We Wrote", Some Fine Journal, Vol. 17, Issue 1, pp. 1-100, 2005.

Refereed Conference Presentations

Author, I.M., "Some Related Paper I Presented", Some Conference / Symposium, Place, Date.

Invited Lectures / Seminars

Author, I.M., "Some Related Lecture/Seminar I gave", Some Organization, Place, Date.

Speakers / Seminars / Symposia

Brief information (related photo enclosed - if available).

Exhibitions

Brief information (related photo enclosed - if available).

Performances

Brief information (related photo enclosed - if available).

Miscellaneous

In line with the above information.

Upcoming Conferences at EMU

Brief information (related poster - if available)