

Professor Will Moylan

Department of Music

During the duration of my sabbatical leave I wrote a considerable amount of music. In doing so I made significant progress in composing a major orchestra piece, I began sketches for a song cycle, and made progress on completing a piano work. To support my composing, I performed compositional exercises to re-sharpen some skills I had not used for several years, read and researched poetry, and was also engaged in learning several new technologies and software packages that supported my composition and sound recording technology activities.

Professor Supriya Lahiri

Department of Economics

Conducted field work and capacity building for economic analysis of implementing interventions in MSD and low back pain in Calcutta, India and Campinas, Brazil. Site visits, preliminary interviews with different stakeholders, focus group discussions and detailed questionnaires were prepared to collect baseline data.

Professor Anne Trenkamp

Department of Music

Major change to the focus of “Schoenberg’s Musical Family” (working title.) Entirely new research as result of this change of direction.

Working on finishing first draft of the new first section; rest remains the same.

Invited to give paper at the Arnold Schoenberg Center; wrote paper.

Professor Shehong Chen

Department of History

Research for a book length project on China’s rural transformation. My proposed study covers the years between 1949 and 2004 and investigates the changes in my hometown, which includes my native village Wangjialong, Wang Family Lane, and its vicinity, in the suburbs of Shanghai. In 1949, the Chinese communist army arrived in my hometown and in 2004, Wangjialong was relocated to make way for industrial and urban development.

Professor Eunsang Yoon

Department of Management

Completion of current research, “An Exploratory Study of S/G Product Innovation”.

Initiation of new research, “A Descriptive Analysis of the Factors Affecting the Process and Performance of S/G Product Innovation: A Case Study of South Korea in

Comparison with the U.S.” I completed an article, “Tradeoff and synergy in sustainable/green product development: An Exploratory Case Study of Residential building.” The final version of the paper was submitted for publication to *Business Strategy and the Environment*. (Currently under review.)

I made significant progresses for the two papers by designing and conducting two industry surveys on sustainable/green innovation.

Professor Susan Houde

Department of Nursing

Completion of the textbook co-edited with Karen Devereaux Melillo titled *Geropsychiatric and Mental Health Nursing* published by Jones and Bartlett Publishers and released April 2005.

Completed most of the work on a book for nurses that I am editing for Springer Publications titled *Vision problems in the older adult* which will be submitted for publication within the next 2 months, including writing 1 chapter for the book. Submitted an abstract to the National Organization of Nurse Practitioner Faculties on the *Nursing Education Certificate as an Option for Nurse Practitioners* which was accepted and presented as a podium presentation at the conference in April 2005.

Submitted an abstract to the Gerontological Society of America for a poster presentation for the 2005 conference on *The effects of egg consumption of the blood levels of lutein, zeaxanthin and cholesterol in older adults*. Accepted for presentation.

Professor Herlinda Saitz

Department of Cultural Studies

I brought to final conclusion the draft of *Eight Novellas by Ramón Gómez de la Serna*. Prepared a camera ready copy of it, and had it published by Peter Lang.

Wrote three articles, both already submitted for publication.

I was selected as official translator of the Alejandro Casona Award winning play by Roberto Lumbreras, *Hasta que la boda nos separe/Until the Wedding Do Us Part*, and I finished the first draft of the translation of this play.

Started revision on the second edition of the Bilingual Dictionary *Word by Word*.

I started research on two more projects dealing with the unedited papers of Ramon Gomez de la Serna, housed in the University of Pittsburgh Hillman Library.

As a board member, I participated in the organization of the spring and Fall 05 meetings of the AATSP (American Association of Teachers of Spanish and Portuguese) Massachusetts chapter.

I was involved in the international mentoring of young Gómez de la Serna scholars (Álvaro Ribagorda, Universidad Complutense, Madrid, Laurie-Anne Laguet, Sorbonne, Paris).

I traveled to places with relevancy to my teaching and research: St. Augustine, to experience first-hand the rich and diverse history of the first city founded by the Spanish in the USA; the Caribbean: To investigate the cultural influence and origins of the Spanish-Sefardic component in Caribbean and Latin American culture.

Professor Haim Levkowitz

Department of Computer Science

My research collaboration with the University of São Paulo, São Carlos, Brazil, was established in 2000, and has been ongoing since then. The University of São Paulo (USP) is the largest, and top University in Brazil, and the fourth largest doctorate producer in the world. It is highly selective: In the most recent application cycle (2004),

USP accepted 7,800 students out of 140,000 applicants. I have been collaborating primarily with two colleagues, Dr. Maria Cristina Ferreira de Oliveira and Dr. Rosane Minghim (both of whom had previously spent their sabbatical/post doctorate years with me at UML). Other collaborators include Dr. Veridiana Christie Lucas Salvador (doctoral candidate on whose defense committee I served in 2003); Dr. Luis Gustavo Nonato, and several other Brazilian colleagues. As part of this collaboration, three papers have been published, two tutorials have been taught in international conferences, and several projects have been funded by Brazilian funding agencies. In addition, four papers are in final stages for submission. I was an invited speaker at the 2004 Webmedia Conference (Ribeirão Preto, SP, October 2004), taught a graduate Computational Visualization course (September-December 2004), has been co-advising two Doctoral students, and has served on the examination boards of one Doctoral student (thesis defense) and three Master's students (proposal defenses). Finally, I was a consultant on a joint funding project of the Fulbright Commission in Brazil and CAPES, a Federal Brazilian funding agency, interviewing and helping in the selection process of Brazilian candidates for Doctorate fellowships at U.S. Universities.

Professor Regina Panasuk
Graduate School of Education

The purpose of the sabbatical leave was to develop a book, "Mathematics for Middle School Teachers: Developmental Approach". I have completed prospectus and fully developed 4 chapters (total 7 chapters) which are available for examination upon request.

Professor Doreen Arcus
Department of Psychology

The primary purpose of my sabbatical was to obtain additional training and background in the area of child sexual abuse. This was achieved through seminars at The Trauma Center, Boston (which changed affiliations from Boston University to the Justice Resources Institute) and professional conference participation.

Integrating my thoughts on the development of children in families with current research on the consequences of child sexual abuse allowed me to prepare a proposal to the European Conference on Trauma Studies. My theoretical paper, *Reconceptualizing Collateral Damage: A family systems perspective on the siblings of sexually abused children*, was accepted and presented in Stockholm in June, where I connected with colleagues working with children of war and Tsunami survivors in Africa and the UK.

These experiences enabled me to return from sabbatical and offer a new senior seminar in developmental psychology, *The Role of Trauma in Child Development*.

Professor Majid Charmchi
Department of Mechanical Engineering

I spent part of my 2004-05 sabbatical leave in the Department of Mechanical and Industrial Engineering at the University of Toronto with Multiphase Flow and Spray Systems Laboratory (MUSSL). As a visiting professor, I advised several graduate students and performed research on spray formation and spray characterization of concentrated black liquor for pulp and paper

industry. The initial work addressed the suitable spray size distribution for black liquor combustion in Kraft recovery boilers but, later our interests became closely focused on the gasification of black liquor rather than burning it. Gasification process provides higher efficiency in energy conversion while protecting the environment from harmful emissions caused by combustion. To work on the gasification project, other areas of expertise were required. Therefore, I spent part of my sabbatical time at Simulent Inc.