

DR. VÍCTOR M. GONZÁLEZ

CURRICULUM VITAE

Lecturer in Human-Computer Interaction

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PROFILE

Researcher in the areas of design and evaluation of interactive information systems, ethnographic workplace studies and adoption of information technologies in the workplace.

Main areas of interest

- Human Computer Interaction
- Home and Community Informatics
- Medical Informatics
- Ubiquitous and Mobile Computing

EDUCATION

2000 to December 2005

University of California, Irvine - School of Information and Computer Science

Irvine, California. United States of America

PhD COMPUTER AND INFORMATION SYSTEMS

2000 to 2002

University of California, Irvine - School of Information and Computer Science

Irvine, California. United States of America

MASTER IN SCIENCES (MSc) COMPUTER AND INFORMATION SYSTEMS

1996 to 1997

University of Essex - Department of Electronic Systems Engineering

Colchester, United Kingdom

MASTER IN SCIENCES (MSc) TELECOMUNICATIONS AND INFORMATION SYSTEMS

1990 to 1994

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)

Campus Querétaro. Querétaro, Querétaro

BACHELOR (BSc) ELECTRONICS AND COMMUNICATIONS ENGINEERING

RESEARCH EXPERIENCE

January 2006 to March 2006.

University of California, Irvine – Center for Research on Information Technology and Organizations (CRITO) and School of Information and Computer Science

Supervisor: Professor Ken Kraemer

Topic: Supporting Low-income Families and their Housing Communities through Digital Communication Technologies

September 2002 to December 2005.

University of California, Irvine – Center for Research on Information Technology and Organizations (CRITO) and School of Information and Computer Science

Supervisor: Professor Gloria Mark

Topic: Managing Information in Multiple Spheres of Work

September 2003 to December 2005

University of California, Irvine – UC MEXUS Program and School of Information and Computer Science

Supervisor: Professor Gloria Mark and Professor Jesus Favela (CICESE Mexico)

Topic: Development of Ubiquitous Technology for Multiple Spheres of Work

July to September 2002

University of California, Irvine – Center for Research on Information Technology and Organizations (CRITO) and School of Information and Computer Science

Supervisor: Professor Alfred Kobsa

Topic: Field Study on the Adoption of Information Visualization Tools

April to June 2002

University of California, Irvine – Center for Research on Information Technology and Organizations

Supervisor: Professor Alladi Venkatesh

Topic: NOAH Project – Field study of Home technologies.

January to March 2002

University of California, Irvine – Center for Research on Information Technology and Organizations (CRITO) and Department of Information and Computer Science

Supervisor: Professor Gloria Mark and Professor Alfred Kobsa

Topic: Lab Experiments Information Visualization – Collaborative environments.

October to September 2001

University of California, Irvine – Center for Research on Information Technology and Organizations (CRITO)

Supervisor: Professor Alladi Venkatesh

Topic: Field studies: Domestic Personal Information Management.

TEACHING ACTIVITIES

University of Manchester, Manchester, United Kingdom

Lecturer

University of California, Irvine – School of Information and Computer Science

Teaching Assistant

ICS 131 - Fall 2000 - Social Implications of Computerization - Professor Julian Feldman.

ICS 132 - Winter 2001- Organizational Information Systems - Professor Paul Dourish

ICS 131 - Spring 2001 - Social Implications of Computerization -Professor David Redmiles

University of Guanajuato Guanajuato. Mexico.

Assistant Professor

January to March of 1999 Faculty of Accounting and Management

Master in Arts Program (Management in Business Administration)

Lecturer of the Information Systems Course.

August of 1998 to July of 1999 Faculty of Civil Engineering

Lecturer of the Computers Course and the Programming Course.

November of 1998 Faculty of Accounting and Management

Bachelor in Arts Program

Lecturer of the Computers Course (Office 97 and Internet).

January to August of 1998 Faculty of Accounting and Management

Master in Arts Program (Management in Business Administration)

Lecturer of the Computers Course.

ACADEMIC HONOURS

2006 - ERCIM: European Research Consortium for Informatics and Mathematics, Brussels, Belgium

ERCIM "Alain Bensoussan" Fellowship Programme (Declined)

2005 - Alpha Association of Phi Beta Kappa Alumni in Southern California, Los Angeles, California International Scholarship

2004-2005 - University of California Institute for Mexico and the United States, UC MEXUS Dissertation Grant

2000-2005 - Consejo Nacional de Ciencia y Tecnología, CONACYT, Mexico, Doctoral Scholarship

1996-1997 - Rotary International Foundation, Evanston, Illinois. U.S.A.. Scholarship (Master studies).

University of Essex. Colchester, England.

1995 - IAESTE (Asociación Mexicana de Intercambio Práctico Profesional), Mexico, Scholarship Training by Alcatel Bell Telecom, Belgium.

PUBLICATIONS

Journals

- Gonzalez, V. and Kremmer K. (2006): "Cómputo para el Hábitat: visiones y realidades en el contexto mexicano". to appear in IRIDIA, Universidad de Colima, Mexico.
- Moran, E. B., Tentori, M., Gonzalez, V., Favela, J., and Martinez, A. (2006): "Mobility in Hospital Work: Towards a Pervasive Computing Hospital Environment". to appear in the International Journal of Electronic Healthcare (IJEH).
- Gonzalez, V., Rodriguez, M., Santana, P., Favela, J., Castro, L. (2006): "Supporting Relationship Maintenance for Elders and Family Living Abroad", IEEE Pervasive Computing, vol. 5, no. 2, p. 47, Apr-Jun, 2006.
- Tentori, M., Favela, J. and Gonzalez, V. (2006): "Quality of Privacy (QoP) for the Design of Ubiquitous Healthcare Applications". Journal of Universal Computer Science, Vol. 12, No. 3. pp. 252-269.
- J. Favela, M. Rodriguez, A. Preciado and V.M. Gonzalez (2004): Integrating Context-Aware Public Displays Into a Mobile Hospital Information System. IEEE Transactions on Information Technology in Biomedicine. Vol. 8. Number 3. September 2004.
- Muñoz, M.A., Rodriguez, M., Favela, J., Martinez-Garcia, A.I., Gonzalez, V.M. (2003): Contextaware mobile communication in hospitals. Computer IEEE, 2003. 36(9): p. 38-46.
- Gonzalez, V. and Ghanbari, M. (1999): Resource reservation management Computación y Sistemas. Computing Research Center of the National Polytechnic Institute - Mexico . Vol.3 No.1 pp. 50-57. 1999

Book chapters

- Alladi Venkatesh, Steven Chen and Victor M. Gonzalez (2006): "Designing The Family Portal for Home Networking," in Robert Kraut, Malcolm Brynin & Sara Kiesler (Eds.) Domesticating Information Technologies, Oxford University Press, 2006
- Miguel A. Muñoz, Victor M. Gonzalez, Marcela Rodríguez, and Jesus Favela: (2003): Supporting Context-Aware Collaboration in a Hospital: An Ethnographic Informed Design. Lecture Notes in Computer Science Volume: Volume 2806. September 2003. pp. 330 - 344

Conferences

- Morán, E., Martínez, A., González, V., Favela, J. and Mora, J. (2006): "Personal Digital Assistants adoption in healthcare: a nurses' case study". to appear in Proceedings of the 12th Americas Conference on Information Systems (AMCIS 2006), Acapulco, México, August 4-6, 2006.
- Silva, J., Zamarripa, S., Strayer, P., Favela, J., González, V. (2006): "Empirical Evaluation of a Mobile Application for Assisting Physicians in Creating Medical Notes". to appear in the Proceedings of the 12th Americas Conference on Information Systems (AMCIS 2006), Acapulco, Mexico, August 4-6, 2006.
- Gonzalez, V., Tentori, M., Moran, E., Favela, J., and Rodríguez, M. (2005): 'Understanding mobile work in a distributed information space: implications for the design of ubicomp technology' in Second Latin-American Conference in Human-Computer Interaction (CLIHC 2005), October 23-26, Cuernavaca, Mexico.
- González, V. and G. Mark (2005): 'Managing currents of work: Multi-tasking among multiple collaborations ' in European Conference in Computer Supported Cooperative Work, Spring Verlag, September 18-22, Paris, France.
- Tentori, M., Favela, J., Gonzalez, V. and Rodríguez, M. (2005): Supporting Quality of Privacy (QoP) in Pervasive Computing. Accepted for publication in Proceedings of Encuentro Internacional de Ciencias de la Computación (ENC) 2005. IEEE Computer Press, Puebla, Mexico.
- Tentori, M., Favela, J and González, V. (2005): Designing for Privacy in Ubiquitous Computing Environments. Accepted for publication in Proceedings of UCAMI '05. Granada, España.
- Santana, P., Rodríguez, M., González, V., and Favela, J. (2005). "A Web-Based System to

Facilitate Elders Communication With Their Families Living Abroad". Accepted for publication in the proceedings of Sixth Mexican International Conference in Computer Science, ENC 2005.

Pedro C. Santana, Marcela D. Rodríguez, Víctor M. González, Luís A. Castro, Ángel G. Andrade (2005). "Supporting emotional ties among Mexican elders and their families living abroad". In the extended abstracts of the ACM Conference on Human Factors in Computing Systems (CHI 2005), Portland, USA, April 2005.

Mark, G., Gonzalez, V. and Harris, J. (2005): "No task left behind: Understanding the nature of fragmented work" . Conference on Human Factors in Computer Systems (CHI 2005), Portland, USA, April 2005.

Morteo, R., Gonzalez, V., Favela. J. and Mark, G. (2004): Sphere Juggler: Fast Context Retrieval in Support of Working Spheres. Proceedings of ENC 2004: Fifth Mexican International Conference in Computer Science., Colima, Mexico. IEEE Press, Los Alamitos, CA. 361-367

Gonzalez, V. and Mark G. (2004): "Constant, Constant Multi-tasking Crazyness": Managing Multiple Working Spheres. Conference on Human Factors in Computer Systems (CHI 2004), Vienna Austria, April 2004.

V. González, A. Kobsa (2003): A Workplace Study of the Adoption of Information Visualization Systems. Proceedings of I-KNOW'03: 3rd International Conference on Knowledge Management, Graz, Austria, 92-102. Journal of Universal Computer Science.

V. González, A. Kobsa (2003): Benefits of Information Visualization Systems for Administrative Data Analysts. Proceedings of the Sixth International Conference on Information Visualisation (IV03), London, U.K. IEEE Press, Los Alamitos, CA, 331-336.

Mark, G., A. Kobsa, V. Gonzalez (2002): Do Four Eyes See Better than Two? Collaborative versus Individual Discovery in Data Visualization Systems. Proceedings of the Fifth International Conference on Information Visualisation (IV02), London, U.K. Los Alamitos, CA, IEEE Press, 249-255.

Mark, Gloria., Gonzalez, Victor., Sarini, Marcello., and Simone, Carla (2002). Reconciling different perspectives : an experiment on technology support for articulation. Proceedings of COOP 2002. Saint Raphael, France.

Mark, Gloria., Gonzalez, Victor., Sarini, Marcello., and Simone, Carla (2002). Supporting articulation with the reconciler. Conference Extended Abstracts on Human Factors in Computer Systems (CHI 2002), 2002. Minneapolis, Minnesota, USA. ACM Press, 814—815.

Ghanbari, M. with V. M. Gonzalez (1998): 'Resource reservation management of video over Internet', Proc of ICEE-98, Vol. A, communication Systems, May 12-14, 1998, Tehran, Iran, pp. I-1, I-7.

Workshops

Solares Elisa., Martínez, Ana., Gonzalez, Victor., Favela, Jesús. (2005) Factores críticos para la adopción de PDAs en hospitales: Caso de estudio de enfermeras. Accepted to be presented Medical Informatics Workshop at ENC 2005: Sixth Mexican International Conference in Computer Science., Puebla, Mexico.

Santana, Pedro., Castro, Luis., Preciado Afredo., Gonzalez, Victor, Rodriguez, Marcela and Favela, Jesus. (2005): "Preliminary Evaluation of Ubicomp in Real Working Scenarios". 2nd Workshop on Multi-User and Ubiquitous User Interfaces (MU3I), January 9, 2005 at IUI 2005. San Diego California.

Víctor M. González, Jesus Favela, and Marcela Rodríguez, Towards a Methodology to Envision and Evaluate Ubiquitous Computing. Presented at Workshop of "Interacción Humano Computadora" of "Quinto Encuentro Internacional de Computación" ENC'2004. Published in proceedings of workshops, ISBN 970-692-170-2. Colima, Col., México, Sept. 2004, pp. 79-85

Gonzalez, Victor and Mark, Gloria. (2004): Back to the desktop: Towards a conceptual framework to support how people get things done. In Jakob E. Bardram, Henrik B. Christensen, David Garlan, and Joao Sousa, editors, Proceedings of the First International Workshop on Computer Support for Human Tasks and Activities, volume PB-2004-60 of Centre for Pervasive Computing Technical Reports. University of Aarhus, Vienna, Austria, April 2004.

Rodríguez, M., Favela, J., Gonzalez, V.M., and Muñoz, M.A. (2003): Agent-based Mobile

Collaboration and Information Access in a Healthcare Environment. Workshop in eHealth:
Application of Computing Science in Medicine and Healthcare. I Rudomin, J. Vazquez and J.L.
Diaz (eds.). Published by the Instituto Politecnico Nacional. Mexico, 2003. ISBN 970-36-0118-9.
pp. 133-148