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**Curriculum Vitae; Mohammad Chizari,
Professor**

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ACADEMIC DEGREES

PhD Mississippi State University 1990

Major: Agricultural Extension and Education

Minor: Agronomy and Seed Technology

MSc North Carolina Agricultural and Technical State University 1986

Major: Agricultural Education

Minor: Adult Education

BSc University of North Carolina at Greensboro 1983

Major: Business Administration

Diploma South East Senior High School (Greenboro, North Carolina) 1978

PROFESSIONAL EXPERIENCE

- Faculty member, Tarbiat Modares University (since 1990).
- Head of Agricultural Extension and Education Department (1991-1997), (2005 to present).
- Regional Representative for the Association for International Agricultural and Extension Education (AIAEE) (1998-2005).

Membership in Professional Organizations

- American Educational Research Association (AERA)
- Society for Information Technology & Teacher Education (SITE)
- International Society of the Learning Sciences (ISLS)
- Institute of Computer Science and Information Technology (ICSIT)
- The Interuniversity Centre for Educational Research (ICO)
- European Association for Research on Learning and Instruction (EARLI)

- Association for International Agricultural Extension and Education (AIAEE)

Journal Services

- Editor for Journal of Agricultural Extension and Economics Azad University, Science and Research Unit, Tehran, Iran (2007-2011).
- Editor for Journal of Agricultural Extension and Economics Azad University, Science and Research Unit, Tehran, Iran (2007-2011).
- Member of Editorial Board for Journal of International Agricultural and Extension Education (JIAEE) 1998-2000 (USA).
- Member of Editorial Board for Journal of Extension Systems (India) 1998 until present (India).
- Member of Editorial Board for Iranian Journal of Agricultural Extension and Education (IJAE) 2003 -2011.

Research Interests

- ICT; E-Learning; Distance Education; Digital Media; Online and Digitally-Supported Learning Environments; Instructional/Educational Technology
- Computer-Supported Collaborative Learning (CSCL); Argumentation-based CSCL; Argumentative Knowledge Construction in CSCL
- Human-Computer Interaction; Human-Technology Interaction; Educational Computing Research; Innovative Technology-Enhanced Learning; Digitalized Game-Based Learning
- Program evaluation in Agricultural extension; Sustainable agriculture; Rural studies and food security; educational needs of various clienteles in agricultural extension

Refereed ISI Journal Articles

- Noroozi, O., Biemans, H.J.A., Weinberger, A., Mulder, M., & **Chizari, M.** (2013). Scripting for construction of a transactive memory system in a multidisciplinary CSCL environment. *Learning and Instruction*, 25(1), 1-12.

doi:10.1016/j.learninstruc.2012.10.002. (IF: 3.732, Q1; Ranking: 2/206 Education and Educational Research).

- Noroozi, O., Weinberger, A., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2013). Facilitating argumentative knowledge construction through a transactive discussion script in CSCL. *Computers and Education*, 61(2), 59-76. doi: 10.1016/j.compedu.2012.08.013. (IF: 2.621, Q1; Ranking: 7/206 Education and Educational Research).
- Noroozi, O., Busstra, M.C., Mulder, M., Biemans, H.J.A., Tobi, H., Geelen, M.M.E.E., van't Veer, P., & **Chizari, M.** (2012). Online discussion compensates for suboptimal timing of supportive information presentation in a digitally supported learning environment. *Educational Technology Research and Development*, 60(2), 193-221. doi: 10.1007/s11423-011-9217-2. (IF: 1.085, Q2; Ranking: 51/206 Education and Educational Research).
- Noroozi, O., Weinberger, A., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2012). Argumentation-based computer supported collaborative learning (ABCSCCL). A systematic review and synthesis of fifteen years of research. *Educational Research Review*, 7(2), 79-106. doi: 10.1016/j.edurev.2011.11.006. (IF: 2.333, Q1; Ranking: 9/206 Education and Educational Research).
- Noroozi, O., Biemans, H.J.A., Busstra, M.C., Mulder, M., & **Chizari, M.** (2011). Differences in learning processes between successful and less successful students in computer-supported collaborative learning in the field of human nutrition and health. *Computers in Human Behaviour*, 27(1), 309-318. doi:10.1016/j.chb.2010.08.009. (IF: 2.293, Q1; Ranking: 22/124 Psychology, Multidisciplinary).
- Ommani, A. R., & **Chizari, M.**, Salmanzadeh, C and Farj Allah Hossaini, J. (2009). Predicting Adoption Behavior of Farmers Regarding On-Farm Sustainable Water Resources Management (SWRM): Comparison of Models. *Journal of Sustainable Agriculture*, 33:595-616, 2009
- **Chizari, M** & Ommani, A. R. (2009). The Analysis of Dryland Sustainability. *Journal of Sustainable Agriculture*, 33:848-861, 2009

Refereed Journal Articles

- Movahedi, R., **Chizari, M.**, & Breazeale D. (2007). The Perception of Extension

Agents and Researchers Concerning the Effectiveness of Joint Extension-Research Plans in Lorestan and Kermanshah Provinces, Iran. *Journal of Agricultural Education and Extension*, 13(4): 301-310.

- **Chizari, M.**, Ali Baygi, A. R., & Breazeale, D. (2006). Analysis of Training Needs of Multifunctional Extension Agents Associated with Sustainability. *Journal of International Agricultural and Extension Education*, 13(1): 51-58
- **Chizari, M.**, Yaghoubi, A., & Lindner, J.R. (2003). Perceptions of Rural Livestock Insurance among Livestock Producers and Insurance Specialists in Isfahan Province, Iran. *Journal of International Agricultural and Extension Education*, 10(1): 37-42.
- **Chizari, M.**, Lashkarara, F. & Lindner, J.R. (2001). Perceptions of Lurestan Province, Iran Wheat Farmers with Respect to Sustainable Agricultural Practices. *Journal of International Agricultural and Extension Education*, 8(3): 65-73.
- **Chizari, M.**, Bahmani, S. & Lindner, J.R. (2001). Educational Needs of Semimigrant Nomads of Charmahal va Bakhtiari Province, Iran Regarding Sheep and Goat Management and Production. *Journal of International Agricultural and Extension Education*, 8(2): 25-35.
- **Chizari, M.**, Lindner, J.R., & Zoghie, M. (1999). Perceptions of Extension Agents' Educational Needs Regarding Sustainable Agriculture in the Khorasan Province, Iran. *Journal of Agricultural Education*, 40(4): 20-28.
- **Chizari, M.**, Lindner, J. R., & Karjoyan, S. (1999). Factors Affecting Involvement of Volunteers in Extension Education Activities in Talesh Township, Iran. *Journal of Agricultural Education*, 40(3): 20-28.
- **Chizari, M.**, & Mohseni, A. (1999). Program Management Practices of Extension Managers in the Central Province of Iran. *Journal of International Agricultural and Extension Education*, 6(3): 27-33.
- **Chizari, M.**, & Noorabadi, R., R. (1999). Perceived Learning Needs and Program Delivery Preferences of Ranchers in Noorabad Township of Luristan Province, Iran. *Journal of International Agricultural and Extension Education*, 6(3): 39-46.
- **Chizari, M.**, Lindner, J.R., & Zoghie, M. (1999). Perceptions of Extension Agents Regarding Sustainable Agriculture in the Khorasan Province, Iran. *Journal of International Agricultural and Extension Education*, 6(1): 13-21.
- **Chizari, M.**, Verma, S., & Farhadian, H. (1999). Perceptions of Forestry and Range Organization Managers of the Role of Extension in Protection of Forests in Iran.

Journal of International Agricultural and Extension Education, 6(1): 45-53

- **Chizari, M.**, Nosratie, S. & Radhakrishna, R., B. (1998). Awareness, Attitudes and Obstacles of Rice Farmers toward Cultivating Berseem Clover in the Talesh Region of Gilan Province, Iran. *Journal of Extension Systems*, 14(2), 47-58
- **Chizari, M.**, Karbasioun, M. & Lindner, J.R. (1998). Obstacles Facing Extension Agents in the Development and Delivery of Extension Educational Programs for Adult Farmers in the Province of Esfahan, Iran. *Journal of agricultural Education*, 39(1): 48-54.
- **Chizari, M.**, Lindner, J. R., & Bashardoost, R. (1997). Participation of Rural Women in Rice Production Activities and Extension Education Programs in the Gilan Province of Iran. *Journal of International Agricultural and Extension Education*, 4(3): 19-26
- **Chizari, M.**, & Taylor, W.N. (1991). Agriculture Teachers Perceptions of Adult Education Needs, Obstacles Faced, and Support Needed. *Journal of Agricultural Education*, 32(2), 23-28.

Conference Proceedings

- Noroozi, O., Biemans, H.J.A., Weinberger, A., Mulder, M., & **Chizari, M.** (2012). Facilitating transactive memory system (TMS) through computer-supported collaboration script in multidisciplinary learning. Paper presented at the AERA Annual Meeting. Vancouver, Canada, April 13-17, 2012.
- Noroozi, O., Biemans, H.J.A., Weinberger, A., Mulder, M., Popov, V., & **Chizari, M.** (2011). Supporting computer-supported argumentative knowledge construction in multidisciplinary groups of learners. In L. Gómez Chova., D. Martí Belenguer., & A. López Martínez (Ed.), *Proceedings of the 3rd International Conference on Education and New Learning Technologies*. Barcelona, Spain (1937-1945).
- Noroozi, O., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2010). Analyzing learning processes and outcomes in computer-supported collaborative learning in the domain of nutritional research methodology education. In J. Baralt., N, Callaos., W, Lesso., A, Tremante., & F, Welsch (Ed.), *Proceedings of the International Conference on Society and Information Technologies*. Orlando, Florida, USA (pp. 55-60).
- Noroozi, O., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2010). Students'

knowledge construction in computer-supported learning environments: A comparative study in the domain of nutritional research methodology education. In D. Gibson., & B. Dodge (Ed.), Proceedings of the 21st International Conference on Society for Information Technology & Teacher Education (SITE). San Diego, California, USA (pp. 2506-2513).

- Noroozi, O., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2009). Instructional support in argumentative computer supported collaborative learning (ACSCL). In N. Brouwer., B. Giesbers., B. Rienties., & L. Van Gastel (Ed.), Proceedings of Student Mobility and ICT. Dimensions of Transition. Amsterdam, the Netherlands (pp. 133-143).
- Noroozi, O., Biemans, H.J.A., Mulder, M., & **Chizari, M.** (2009). Fostering quality of argumentative computer-supported collaborative learning within academic education in the agri-food sciences. In C. Lokhorst, J. Huijsmans., & R.P.M. de Louw (Ed.), JIAC2009 Book, Joint International Agricultural Conference. Wageningen, the Netherlands (p. 365).
- Noroozi, O., Mulder, M., Biemans, H.J.A., & **Chizari, M.** (2009). Factors influencing argumentative computer supported collaborative learning (ACSCL). In F. Salajan (Ed.), Proceedings of the 4th international conference on e-learning. Toronto, Canada (pp. 394-403).
- Noroozi, O., & **Chizari, M.** (2008). An investigation of employment and job market of graduate students in the secondary agriculture education system in Iran. The First European Conference of Iranian Scientists in Agriculture and Natural Resources. 8-9 October 2008, Paris-France.
- Noroozi, O., & **Chizari, M.** (2006). Effective factors involved in adoption of sprinkler irrigation: A case study in wheat farmers in Nahavand Township, Iran. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida, 2006.
- Noroozi, O., & **Chizari, M.** (2006). Attitude of Nahavand Township, Iran wheat farmers toward on farm water management. International Symposium on Dry Lands Ecology and Human Security (ISDEHS 2006). Dubai, December 4-7, 2006.
- Hemmati, F., Pezeshki-Raad, G., & **Chizari, M.** (2006). An Assessment of the Career Success of Secondary Agricultural Education Graduates at East Azerbaijan Province, Iran. Proceedings of the 22nd Annual Association for the International Agricultural

and Extension Education Conference. Clearwater Beach, Florida.

- Khezerloo., B. & **Chizari, M.** (2006). An Investigation of Effective Factors Involved in Socio-cultural Roles of Rural Women Farmers: A Case Study in the Western-Azarbaijan Province, Iran. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Lotfi., S., **Chizari., M.** & Pezeshki-Raad, G. (2006). An Investigation on the Perception of the Apple Orchardists about the Role of Extension Education Activities in Prevention of Postharvest Losses in Damavand Township, Iran. Conference. Clearwater Beach, Florida.
- Lotfi, S., & **Chizari, M.** (2006). An Investigation on the Perception of the Agricultural Extension and Education Staff about Team Effectiveness in Tehran City, Iran. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Movahedi, R., & **Chizari, M.** (2006). Study on Attitude and Perceptions of Agricultural Undergraduate Students of Bu Ali Sina University toward Agriscience. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Noroozi, O & **Chizari, M.** (2006). Effective Factors Involved in Adoption of Sprinkler Irrigation A Case Study in Wheat Farmers in Nahavand Township, Iran. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Ommani, A. R., & **Chizari, M.** (2006). The Perception of Rural Youths Regarding Teamwork in Youth Club. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Ommani, A. R., & **Chizari, M.** (2006). Use of Information Technology by Extension Agents in Khuzestan Province of Iran. Proceedings of the 22nd Annual Association for the International Agricultural and Extension Education Conference. Clearwater Beach, Florida.
- Movahedi, R., & **Chizari, M.** (2005). Effectiveness of Joint Extension-Research Plans Based on Perceptions of Extension Agents and Researchers in Lorestan and Kermanshah Provinces, Iran. Proceedings of the 21st Annual Association for the

- International Agricultural and Extension Education Conference. San Antonio, Texas,
- **Chizari, M.,** & Dinpanah, G.R. (2005). An Investigation of Effective Factors Involved in Perception of Wheat Farmers Regarding On-Farm Demonstration in Esfahan Township, Iran. Proceedings of the 21st Annual Association for the International Agricultural and Extension Education Conference. San Antonio, Texas.
- Karbasioun, M., & **Chizari, M.** (2005). The Attitude of Agricultural Extension Instructors Regarding their Own Competencies in the Teaching Process during Short-Term Courses for Farmers, Isfahan, Iran. Proceedings of the 21st Annual Association for the International Agricultural and Extension Education Conference. San Antonio, Texas, Chosen as an Outstanding Carousel.
- **Chizari, M.,** Karimi, S. & Lindner, J.R. (2002). Needs Assessment of Soil Conservation Technology for Farmers in the Markazi Province of Iran. Proceedings of the 18th Annual Association for International Agricultural and Extension Education Conference. Durban, South Africa.
- **Chizari, M.,** Movahed, H. & Lindner, J. R. Distance Education Competencies of Faculty Members in Iran (2002). Carousel Abstract Presented at 18th Annual Conference of International Agricultural and Extension Education. Durban, South Africa. Chosen as an Outstanding Carousel.
- **Chizari, M.,** Lashkarara, F. & Lindner, J. R. (2001). Identifying Barriers to Sustainable Agricultural Practices: Perceptions of Wheat Farmers in Iran Proceedings of the 17th Annual Conference. Baton Rouge, Louisiana.
- **Chizari, M.,** Lindner, J. R. & Mohsanie, A. (2001). Managing Human Resources in Iran. Carousel Abstract Presented at 17th Annual Conference of International Agricultural and Extension Education. Baton Rouge, LA. Chosen as an Outstanding Carousel.
- **Chizari, M.,** Lindner, J.R., & Mohseni, A. (2000). Managing Extension Programs in Iran. Proceedings of the 16th Annual Association for International Agricultural and Extension Education Conference. Arlington, Virginia.
- **Chizari, M.,** Noorabadi, R. R.,& Lindner, J.R. (2000). Best Management Practices for Ranchers in Iran. Proceedings of the 16th Annual Association for International Agricultural and Extension Education Conference. Arlington, Virginia. This research was chosen as an outstanding paper.
- **Chizari, M.,** Lindner, J. R., & Karjoyan, S. (1998). Factors Affecting Involvement of

Volunteers in Extension Education Activities in Talesh Township, Iran. Proceedings of the 49th Annual AAAE Southern Agricultural Education Research Meeting. Memphis, Tennessee.

- **Chizari, M.**, Pezeshki-Raad, G., & Lindner, J.R. (1998). Perceptions of Extension Agents Regarding Sustainable Agriculture in the Khorasan Province of Iran. Proceedings of the 14th Annual Association for International Agricultural and Extension Education Conference. Tuscan, Arizona.
- **Chizari, M.**, Pishbin, A.R., & Lindner, J.R. (1997). Self-perceived Professional Competencies needed and possessed by Agricultural Extension Agents in the Fars Province of Iran. Proceedings of the 13th Annual Association for the International Agricultural and Extension Education Conference. Arlington, Virginia.
- **Chizari, M.**, (1996). An Examination of Educational Needs and Obstacles Hampering Extension Agents in Developing Educational Programs in Esfahan Province of Iran. Proceedings of the 12th Annual Association for International Agricultural and Extension Education Conference. Arlington, Virginia.
- **Chizari, M.**, Mirikhoozani, S.A. (1995). The Role of Rural Women in Agricultural Extension Activities and Production of Rice in Gilan Province, Iran. Proceedings of the 11th Annual Association for International Agricultural and Extension Education Conference. Little Rock, Arkansas.
- **Chizari, M.**, & Taylor, W.N. (1991). Agriculture Teachers Perceptions of Adult Education Needs, Obstacles Faced, and Support Needed. *Journal of Agricultural Education*, 32(2), 23-28.
- **Chizari, M.**, & Taylor, W.N. (1990). An Examination of Adult Education in Agriculture in the Southern Region of the United States by the Use of the Delphi Technique. Proceedings of the 39th Annual Southern Agricultural Education Research Conference. San Antonio, Texas.

Published Books: Translated into Persian by permission of the originators

- James, A. Buford & Arthur Bedian. "Management in Extension". Alabama Cooperative Extension Service, 1998.
- "Planning for Effective Training a Guide to Curriculum Development". Rome, FAO Publications Division, 1992.
- "Improving Training Quality a Teacher's Guide to Evaluation". Rome, FAO

Publications Division, 1991.

- “Make Learning Easier a guide for improving Educational/Training Materials”. Rome, FAO Publications Division, 1990.
- James, A. Buford. “Management in Extension Service”. Alabama Cooperative Extension Service, 1979.

Graduate students Supervised

- Supervised 60 MSc students and 10 PhD students

Courses Taught

- Sociology and Rural Development
- Adult Education
- Advanced Research Methods
- Technical writing in Agriculture Communication
- Advanced Management in Agricultural Extension and Education
- Approaches in Agricultural Extension and Education
- Evaluation in Agricultural Extension and Education
- International Agricultural Education