Abbas "Aubteen" Darabi   Curriculum Vita

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Education	**Ph.D. in Mass Communication:** Theory and Research **Florida State University** Emphasis: Mass Media, Social Change, and Innovation **Defense: September, 1981** **Dissertation:** *The Differential Impact of Communication Campaigns: A Secondary Analysis of Colombia's Accion Cultural Popular (ACPO) Project.* **M.S., in Mass Communication** *Florida State University* **Theses:** *Alienation and Uses of Mass Media Among Women August, 1978 In Florida*
Teaching Philosophy	My teaching philosophy is formed based on the principles of "Cognitive apprenticeship" and systems thinking. From these perspectives, I borrow "situated learning" and the "holistic method of inquiry" to design and teach my graduate courses. With the former, students are immersed in practical experiences while receiving an extensive amount of coaching, scaffolding, and feedback. From the latter, they learn to simplify complexities and problem-solving strategies when experiencing those real-world learning situations.
Research Interests	My research interests concern improving individual and organizational performance through promotion of instruction and training strategies based on Cognitive Load Theory. Instruction and training of complex cognitive skills, transfer of training, and application of performance technology principles are the main areas of my research.
Employment	
Currently	*Associate Professor,* *Department of Educational Psychology and Learning Systems, FSU.* *Director,* Center for Learning and Performance Systems, The Learning Systems Institute, Florida State University
2000-2006	*Assistant Professor* Learning Systems Institute Department of Educational Psychology and Learning Systems
1994-2000	*Research Program Administrator and Research Associate* Government agencies, State of Florida, Managing research units, supervising professional research staff and clerical support, conducting research and evaluation of educational, vocational, and treatment programs.

1989-1994	**Research Project Director,** **Center for Educational Technology, FSU**
	Designing, developing, and managing a federally funded computer-based instruction (CBI) projects and occupational analysis studies:
	• Planning, designing, and for the last two years of the project, managing a multi-million dollar computer-based instruction project called Job Skills Education Program (JSEP) for the United States Army.
	• Conducted numerous occupational analysis projects for government agencies and private businesses.
	• Conducted and managed research and evaluation projects for the State of Florida.
1981 – 1989	**Research Associate**
	Center for Educational Technology, Florida State University:
	Assisting in design and development of Job Skills Education Program (JSEP)- a curriculum of over 400 hours of computer-based instruction.
Awards, Honors, & Recognition	
2012	***Florida State University Transformation Through Teaching Award, 2012.*** Transformation Through Teaching is a program established to honor full-time faculty who have an intellectual, inspirational, and integrative impact in the life of students.
	Recipient of ***Florida State University Innovators Award, 2011.*** Recognized and awarded as an innovator scholar whose research and development project was licensed and commercialized by FSU.
	Nomination for ***Florida State University Graduate Teaching Award***, **Fall, 2011**
2010	***Semifinalist for 2010 Christopher Columbus Foundation Award***, Nominated and ranked by a national panel of referees for developing a Performance-based Training System most contributing to the U.S. security. The project was funded by Department of Homeland Security for $6.2 million.
2006	***The Outstanding Paper award (2006).*** Recognized among 150 submissions for a paper presented at Cognition and Learning In Digital Age Conference Sponsored by International Association for Development of Information Society, in Barcelona, Spain, December 2006.
1973	***Scholarship for Top Honor Students in undergraduate studies.*** Awarded *$100,000 scholarship* to complete graduate studies in U.S.: Scholarship included Tuition, books, insurance, and a monthly stipend awarded by Iran's Department of Science and Higher Education.
1969	***Scholarship for Top performers in a national exam of school teachers.*** Awarded full scholarship (room, board, and tuition) to undergraduate studies by Iran's Department of Education.

Professional Membership	American Educational Research Association (AERA) Association for Educational Communications and Technology (AECT) European Association for Research on Learning and Instruction (EARLI)
Professional Contributions & Services	

Editorial Review Board:

- ***Computers in Human Behaviors, Published by Elsevier***
Computers in Human Behaviors is a scholarly journal dedicated to examining the use of computers from a psychological perspective. The journal addresses both the use of computers in psychology, psychiatry and related disciplines as well as the psychological impact of computer use on individuals, groups and society.

Consulting Editor:

- ***Journal of Educational Technology Research & Development (ETR&D)***
Published by Association for Educational Communication Technology (AECT), ETR&D is the only scholarly journal for the field focusing entirely on research and development in educational technology. Research Section features well documented articles on the practical aspects of research as well as applied theory in educational practice, a comprehensive source of current research information in instructional technology. Development Section publishes articles concerned with the design and development of learning systems and educational technology applications.

Reviewer:

- ***Advances in Health Sciences Education***
Published by Springer, AHSE is a forum for scholarly and state-of-the art research into all aspects of health sciences education. It will publish empirical studies as well as discussions of theoretical issues and practical implications. The primary focus of the Journal is linking theory to practice, thus priority will be given to papers that have a sound theoretical basis and strong methodology.
- ***Computers in Human Behavior***
Published by Elsevier Publishing, CHB is a scholarly journal dedicated to examining the use of computers from a psychological perspective. The journal addresses both the use of computers in psychology, psychiatry and related disciplines as well as the psychological impact of computer use on individuals, groups and society.
- ***Educational Research Review***
Published by Elsevier, Educational Research Review is a new international journal aimed at researchers and various agencies interested to review studies in education and instruction at any level.
- ***Learning & Instruction***
Published by Elsevier, Learning and Instruction provides a platform for the publication of the most advanced scientific research in the areas of learning, development, instruction and teaching. The journal welcomes original empirical

investigations.

- ***Impact: Journal of Applied Research in Workplace E-learning,***
A scholarly publication of the E-learning Network of Australasia (ElNet), addresses the paucity of research publication avenues with a particular emphasis on e-learning in organizational and workplace settings. It publishes both refereed and non-refereed contributions from both researchers and practitioners relating to the design, implementation, evaluation and management of workplace e-learning across a range of sectors and industries.
- ***Interactive learning Environments,***
Founded in 1990, Interactive Learning Environments publishes peer-reviewed articles on all aspects of the design and use of interactive learning environments in the broadest sense, encompassing environments that support individual learners through to environments that support collaboration amongst groups of learners or co-workers. ILE is abstracted/indexed in: Australian Research Council (ARC) Ranked Journal List; Contents Pages in Education; Educational Research Abstracts online (ERA); ERIC ; ERIH; PsycINFO; SCOPUS® and Social Sciences Citation Index®.

- *International Association for Development of Information Society* **(**IADIS) Conference on Cognition and Exploratory Learning in Digital Age (CELDA)
- *American Educational Research Association* (AERA) Annual Conference Presentations.
- Reviewer & Program Committee member of IEEE *International Conference on Advanced Learning Technologies* (ICALT).

Awarded Grants & Contracts

2011	***Co-Principle Investigator:*** *Grant from Florida Department of Education (Project Number: 371-2351A-1CS01), Mathematics and Science Partnership – Florida Partnership to Rejuvenate & Optimize Mathematics and Science Education (Florida PROMiSE) Online Training Modules, Total award $: $1,200,000*
2005-2010	***Principal Investigator:*** *Awarded a $6.2 million grant by the US Department of Homeland Security to develop and implement a performance-based training system for port security personnel (Award number: 2005-GT-T5-K011). The system is designed based on an elaborate needs assessment and uses a blended approach to provide a computer-based and face-to-face training to the first responders, law enforcement and security personnel of commercial ports across the United States. For its needs assessment, development, and evaluation, the project has the support and collaboration of 12 major US seaports to focus the project on improvement of situational awareness, preparedness, prevention, and recovery in face of security threat.*
2004	***Co-Principal Investigator:*** *National Training Support Center (NTSC), funded by the U.S. Department of Education to develop a Web-based Career Decision-Making Tool (W-CDT) for high school students & counselors. The contract was for $250,000 the first year to be extended for three years. The contract first reduced and then discontinued due to lack of funding by Federal Government (Gary Peterson and Jim Sampson, PI and Co-PI).*
2003	***Co-Principal Investigator:*** *A $3 million contract with the United States Navy, the Naval Education and Training Command (NETC), Contract Number (N00140-03-Q-2897, August, 2003). Research and development on guidelines and tools for the Navy's Integrated Learning Environment: evaluating and validating different instructional aspects of the Navy's online training program (Laura Hassler, PI).*
2002	***Co-Principal Investigator:*** Awarded a $10,000 grant (Srinivas Palanki, Co-PI) from Council for Instruction, Instructional Development Project, FSU to conduct research on the impact of learning strategies on complex learning and use the results in the improvement of Chemical Engineering Curriculum at FSU
2001	***Principal Investigator:*** Awarded a $7,000.00 grant, FSU Council of Research and Creativity, as a result of which computer-based simulation software was developed to be used for my research in the area of complex cognitive skills.

Publications

Refereed Papers:

Darabi, A. & Kalyuga, S. (2012). Improvement of organizational performance and
  instructional design: an analogy based on general principles of natural

information processing systems, Performance Improvement Quarterly, 25(3), PP. 23–35.

Darabi, A., Arrastia, M. C., Nelson, W. D.,Cornille, T. & Liang, X. (2011). Cognitive presence in asynchronous online learning: a comparison of four different strategies. *Journal of Computer Assisted Learning, 27, pp. 216-227.*

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Darabi, A., Nelson, W. D., Meeker, R., Liang, X., & Boulware, W. (2010). Effect of worked examples on mental model progression in a computer-based simulation learning environment*. Journal of Computing in Higher Education*, Vol. 22(2), pp. 135-147.

Darabi, A., Hemphill, J., Nelson, D., Boulware, W., & Liang, X (2010). Mental model progression in learning the electron transport chain: effects of instructional strategies and cognitive flexibility. *Advances in Health Sciences Education*, 15 (4), pp. 479-489.

Darabi, A., Nelson, W. D., & Seel, M. N. (2009). Progression of mental models throughout the phases of a computer-based instructional simulation: Supportive information, practice, and performance. Computers in Human Behaviors, 25, pp. 723-730.

Darabi, A., Nelson, W. D., Paas, F. (2007). Learner Involvement in Instruction on a Complex Cognitive Task: Application of a Composite Measure of Performance and Mental Effort. *Journal of Research on Technology in Education*, 40 (1), pp. 39-48.

Dennen, V., **Darabi, A.,** Smith L. (2007). Instructor-learner interaction in online courses: the relative perceived importance of particular instructor actions on performance and satisfaction. *Journal of Distance Education.* 28(1), pp. 65-79.

Darabi, A., Nelson, D. W., Palanki, S., (2007). Acquisition of troubleshooting skills in a computer simulation: Worked example vs. conventional problem solving instructional strategies. *Computers in Human Behavior,* 23(4), pp. 1809-1819

Seel, N. M., **Darabi, A.,** Nelson, D. W. (2006). A dynamic mental model approach to examine schema development in performing a complex troubleshooting task: Retention of mental models, *Technology, Instruction, Cognition, and Learning, Vol. 4.*

Darabi, A., Sikorski, E., Harvey, R. (2006). Validated competencies for distance teaching. *Journal of Distance Education, Vol. 27, No. 1, pp. 105-122.*

Darabi, A., Sikorski, E. G., Nelson, D. W., and Palanki S. (2006). Efficient, motivational, and effective strategies for complex learning: Computer-based simulation experiments in troubleshooting. *Technology, Instruction, Cognition, and Learning, Vol. 3, pp233-247.*

Darabi, A., Nelson, D. W., Mackal, M.C. (2005). Instructional efficiency of performance analysis training for learners at different levels of competency in using a web-based EPSS, *Performance Improvement Quarterly, Vol.17, No.4, pp. 18-30.*

Darabi, A. (2005). Application of cognitive apprenticeship model to a graduate course in performance systems analysis: A case study. *Educational Technology Research and Development (ETR&D), Vol. 53*, Number 1

Paas, F., Touvinen, J. E., van Merriënboer, J., & **Darabi, A.** (2005). A motivational perspective on the relation between mental effort and performance: optimizing learners' involvement in instructional conditions, *Educational Technology Research and Development (ETR&D)*, Vol. 53, No. 3, pp. 25-34.

Darabi, A., Nelson, D. W., Mackal, M.C. (2004-05). Self-regulated learning of performance analysis as a complex cognitive skill: contribution of an electronic performance support system (EPSS). *Journal of Educational Technology Systems*, *Vol. 33, No. 1, 11-27.*

Darabi, A. (2002). Teaching program evaluation: using a systems approach. *American Journal of Evaluation, Vol. 23, No. 2*, pp. 219-228.

Darabi, A. and Dempsey, J. V. (1989). A quality control system for curriculum-based CBI projects. *Journal Of Educational Technology Systems, Vol. 18, No. 1*.

Salisbury, D., Brightbill, D., **Darabi, A.,** Dawson, G., Laugen, R., Weage, B. (1989). Development and utilization of computer- assisted instruction at Florida State University, Educational Technology, Vol. 29, No. 1. 50-52.

Invited Editor Reviewed Publications:

Darabi, A. (2003). Systems thinking and systematic methodology: A semi-empirical experience in support of the ISPI value position, *Performance Improvement, Vol. 42, Number 1*.

Refereed Published Conference Proceedings:

Darabi, A., Hemphill, J., Nelson, W. D., Liang, X., & Arrastia, M. C. (2011). Causal reasoning of novice learners: the contribution of working backwards to building a mental model of a complex system. In Proceedings of The American Educational Research Association (AERA), New Orleans, Lousiana, April 8-12.

Darabi, A., Arrastia, M., Nelson, D., Cornille, T. & Ling, X. (2010). Learners' Cognitive Presence in Online Discussion. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2010* (pp. 517-528). Chesapeake, VA: AACE.

Darabi, A., Hemphill, J., Nelson, W. D., Boulware, W., & Liang, X. (2010). Mental model progression in complex learning: effect of instructional strategies and cognitive flexibility. In *Proceedings of The American Educational Research Association (AERA)*, Denver, Colorado, May of 2010.

Darabi, A., Nelson, W. D., Meeker, R., Liang, X., & Boulware, W. (2010). Effect of worked examples on mental model progression in complex learning. *Proceedings of The American Educational Research Association (AERA)*, Denver, Colorado, May of 2010.

Jin, L., **Darabi, A.,** & Cornille, T. (2009). *Online discussion and higher level learning: contributions of CLT-based discussion strategies.* Paper presented at 2009 Association for Educational Communications and Technology (AECT), Louisville, Kentucky, October.

Darabi, A. (2008). E-Learning and port security: Designing and developing an advanced web-based training curriculum using the latest instructional strategies and technology. *Proceedings of E-Learn 2008--World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education,* Las Vegas, Nevada, November, 2008.

Darabi, A., Nelson, W.D., & Seel, N. M. (2008). Progression of mental models throughout a course of instruction: supportive information, practice and performance. *Proceedings of the Cognition and Learning In Digital Age (CELDA) Conference Sponsored by International Association for Development of Information Society*, Freiburg, Germany, October, 2008.

Darabi, A. & Nelson, W. D. (2006). Learner involvement in instruction on a complex cognitive task: application of a composite measure of performance and mental effort. *Proceedings of the Cognition and Learning In Digital Age Conference Sponsored by International Association for Development of Information Society*, Barcelona, Spain, December 2006.

Darabi, A. & Nelson D. W. (2005). Comparison of instructional conditions for novice and intermediate learners of a complex cognitive skill: Performance, efficiency, and involvement. *Proceedings of the 11th Biennial Conference of European Association for Research on Learning and Instruction* (EARLI), Nicosia, Cyprus, August, 2005.

Sievert, J. S., Smith, L. J., & **Darabi, A.** (2005). Three levels of need: A framework for pre-assessing online learner readiness. Proceedings of the Distance Learning Administration Annual Conference, (pp. 169-176).

Darabi, A. (2004). Measuring motivation in instruction and training: a cognitive load perspective. *Proceedings of 46th International Military Testing Association, Brussels, Belgium.*

Darabi, A. & Nelson, D. W. (2004) Training and Transfer of Complex Cognitive Skills: Effects of Worked Examples and Conventional Problem-Solving, *Proceedings of 27th Association for Educational Communications and Technology (AECT) Conference, Chicago, IL.*

Darabi, A. Melissa M. C., & Nelson, D. W. (2003). A taste of their own medicine: Use of an Electronic Performance Support System (EPSS) By Performance Technologists. *Proceedings of 26th AECT Annual Conference, Anaheim, CA*

Darabi, A. (2002). Conducting performance analysis: The case of missing systems approach. *Proceedings of 44th International Military Testing Association, Ottawa, Canada*.

Darabi, A. (1994). Lessons from the Job Skills Education Program (JSEP), the largest computer-based education project. *Proceedings of International Seminar on Technological Education, Vol.2, Secretariat Division of Council for Technological Education, Tehran, Iran.*

Darabi, A. *(1994).* Job and task analysis: foundation for developing training and instruction. *Proceedings of International Seminar on Technological Education, Vo.2, Secretariat Division of Council for Technological Education, Tehran, Iran.*

Book Chapters

Darabi, A., Nelson, W. D., Seel, N. (2010). Progression of mental models throughout a course of Instruction, in J. M. Spector, D. Ifenthaler, P. Isaías, Kinshuk, & D. G. Sampson (Eds.), *Learning and Instruction in the Digital Age: Making a Difference through Cognitive Approaches, Technology-facilitated Collaboration and Assessment, and Personalized Communications.* Springer, ISBN: 978-1-4419-1550-4

Darabi, A., Hassler, L., Smith, L. (2005). Guidelines for learner-instructor interaction in an online learning environment: comparison of perspective from either side of the line. In G. Chiazzese, M. Allegra, A. Chifari, & S. Ottaviano (Eds.), *Methods and technologies for learning* (pp. 29-35). Southampton, Boston: WIT Press.

Darabi, A. (2004). Contribution of an electronic performance support system to learning a complex cognitive skill. In K. Morgan & J. M. Spector (Eds.), *The internet society: Advances in learning, commerce and security* (pp.214-225). Southampton, Boston: WIT Press.

National & International Presentations

Refereed Conference Presentations

Darabi, A., Hemphill, J., Nelson, D. W., Liang, X., & Arrastia, M. (2011, Apr). Causal

reasoning of novice learners: The contribution of working backwards to building a mental model of a complex system. Paper to be presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Darabi, A. (2011). *Systemic evaluation of training programs for organizational performance improvement: An instructional model.* Paper presented in the Intellectbase International Consortium Academic Conference, San Juan, PR - USA, July 28-30.

Darabi, A., Arrastia, M., Nelson, D., Cornille, T. & Liang, X. (2010). *Learners' Cognitive Presence in Online Discussion.* Paper presented in the *World Conference on Educational Multimedia, Hypermedia and Telecommunications, Toronto, Canada. June 29-July 3.*

Darabi, A., Nelson, W. D., Meeker, R., Liang, X, & Boulware, W. (2010). *Effect of Worked Examples on Mental Model Progression in Complex Learning.* Paper presented at American Educational Research Association Conference, Denver, CO.

Darabi, A., Hemphill, J., Nelson, D. W., Boulware, W., and Liang, X (2010). *Mental Model Progression in Complex Learning: Effects of Instructional Strategies and Cognitive Flexibility*, Paper presented at American Educational Research Association Conference, Denver, CO.

Darabi, A. & Nelson, D. W. (2010). *Progression of mental model in complex learning: The effect of CLT-based strategy vs. conventional problem solving, a preliminary analysis.* Paper presented at the World Conference on Educational Sciences, Bahcesehir University, Istanbul, Turkey. February 4-8.

Jin, L., **Darabi, A.,** & Cornille, T. (2009). *Online discussion and higher level learning: contributions of CLT-based discussion strategies.* Paper presented at 2009 Association for Educational Communications and Technology (AECT), Louisville, Kentucky, October.

Darabi, A. (2009). *Human performance technology consequences of an analogy between organizational change and instructional design: a cognitive load perspective.* Paper presented at the 3rd Cognitive Load Theory Conference, Heerlen, the Netherlands, March 2-5.

Darabi, A., (2009). *Teaching chemical engineering by examples: Efficient learning strategies.* Paper presented at Hawaii International Conference on Education, Honolulu, Hi, January, 2009.

Darabi, A. (2008). *E-Learning and port security: Designing and developing an advanced web-based training curriculum using the latest instructional strategies and technology*. World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Las Vegas, Nevada, November, 2008.

Darabi, A., Nelson, W.D., & Seel, N. M. (2008). *Progression of mental models throughout a course of instruction: supportive information, practice and performance*. Cognition and Learning In Digital Age (CELDA) Conference Sponsored by International Association for Development of Information Society, Freiburg, Germany, October, 2008.

Darabi, A. (2008). *Strategies to Improve the Design of Animations.* Symposium discussion, presented at AERA Conference, New York, NY, March.

Darabi, A., Butler, J,, Nelson, D. (2008). Seaport Security Performance Support System: An Adaptive Training Curriculum for Ports, Presentation at Association for Educational Communications and Technology (AECT), Orlando, Florida.

Darabi, A. & Nelson, W. D. (2006). *Learner involvement in instruction on a complex cognitive task: application of a composite measure of performance and mental effort.* Paper presented at Cognition and Learning In Digital Age Conference Sponsored by International Association for Development of Information Society, Barcelona, Spain, December 2006.
This paper was recognized and awarded as an "outstanding" paper of the conference among over 150 submissions.

Sikorski, E. G., **Darabi, A. A**., & Nelson, D. W. (2006). *Teaching Change Management: The Fusion of Theory and Practice.* Presented at the Association for Educational Communications and Technology Conference Dallas, TX.

Darabi, A., Sievert, J., Sikorski, E., & Nelson, D. W. (2005) *Successful Online Instruction: Research-based Guidelines and Recommended Practices.* Symposium Presented at AECT International Convention, Orlando, Florida, October 18-22, 2005

Darabi, A. (2005). *Comparison of Instructional Conditions for Novice and Intermediate Learners of a Complex Cognitive Skill: Performance, Efficiency, and Involvement*. Paper presented at the 11th Biennial Conference of European Association for Research on Learning and Instruction (EARLI), Nicosia, Cyprus, August, 2005

Darabi, A., Hassler, L., Smith, L. (2005). *Interaction guidelines for learners and instructors in an online learning environment*. Paper presented at the First International conference on methods and technologies for learning (ICTML), Italian National Research Council & Institute for Educational Technology, Palermo, Italy.

Darabi, A. (2004). Measuring motivation in instruction and training: a cognitive load perspective, *46th annual conference of International Military Testing Association, Brussels, Belgium.*

Darabi, A. & Nelson, D. W. (2004) *Training and Transfer of Complex Cognitive Skills: Effects of Worked Examples and Conventional Problem-Solving*. Selected Paper presented at the 27th Annual Conference of Association for Educational Communications and Technology (AECT), Chicago, IL.

Darabi, A. (2004, January) *Evaluation questions: business drivers of program evaluation.* Paper presented at the 16th Annual Conference of the Southeast Evaluation Association, Tallahassee, Florida.

Darabi, A., Melissa M. C., & Nelson, D. W. (2003). *A taste of their own medicine: Use of an Electronic Performance Support System (EPSS) By Performance Technologists.* Selected Paper presented at the 26th Annual Conference of AECT, Anaheim, CA.

Darabi, A. (2003, January). *Evaluation of Training Program: Beyond Kirkpatric's four-level model.* Paper presented at the 15th Annual Evaluation Conference of the Southeast Evaluation Association, Tallahassee, Florida.

Darabi A. (2002, November). *Effects of process, outcome, and shifted goal orientations on transfer of complex cognitive skills.* Paper presented at the Association of Educational and Communication Technology (AECT) conference, Dallas, Texas.

Darabi A. (2002, November). *Application of the "Holistic Process of Inquiry" in program evaluation.* Poster paper presented at the American Evaluation Association Annual Conference, Washington DC.

Darabi, A. (2002, October) *Conducting performance analysis: The case of missing systems approach.* Paper presented at the International Military Testing Association (IMTA) Annual Conference, Ottawa, Canada.

Darabi, A. (2002, January). *Conducting program evaluation: The systems approach.* Paper presented at the 14th annual conference of the Southeast Evaluation Association, Tallahassee, Florida.

Darabi, A. (1989, December). *Program evaluation of Florida DC substance abuse treatment programs.* Paper presented at The Project REFORM Fifth Annual Workshop, Wilmington, Delaware.

Presentations by Invitation

Darabi, A., Butler, J., & Wilder, F. (2009). Port Facility Security Planning and Risk Assessment. Presentation and workshop conducted at Maritime Homeland Security Summit, Jacksonville, Florida, April, 2009-02-08

Darabi, A. (2007) Port Security: Protecting the Homeland's Ports by Integrating Force Initiatives, Technology and Compliance Standards. Institute of Defense and Government Advancement Conference, Chairperson and Workshop

	Presenter, Los Angles, CA, November 13-15. **Darabi, A.** (1998). *Evaluation of performance-based budgeting standards for juvenile justice contracts.* Paper presented at Juvenile Justice Service Providers and Contract Managers Conference; Orlando, Florida. **Darabi, A.** (1997). *Program evaluation procedures for juvenile treatment program.* Paper presented at the Juvenile Justice Service Providers and Contract Managers Conference; Orlando, Florida. **Darabi, A.** (1992). *Conducting research in correctional settings*. Paper Presented at The Florida Department Of Corrections Substance Abuse Annual Training Conference, Orlando, Florida. **Darabi, A.** (1992). *Outcome evaluation of treatment programs in correctional setting;* Paper presented at the State Of Florida Epidemiology Work Group, Tallahassee, Florida. **Darabi, A.** (1992). *Research foundations and theoretical bases of substance abuse treatment programs*. Paper presented at The Southern Conference Of Corrections, Tallahassee, Florida. **Darabi, A.** (1989). *Program evaluation of Florida DC substance abuse treatment programs.* Paper presented at The Project REFORM Fifth Annual Workshop, Wilmington, Delaware.
Grant Products and Deliverables	

	Performance Improvement Systems and Training Products:
	Performance Improvement Training System delivered to the US Department of Homeland Security for Award number: 2005-GT-T5-K011 targeting the following national audiences at the US Seaports for Web-based and face-to-face training:
	   • *Port Employees*
	   • *Security Guards*
	   • *Security Guard Supervisors*
	   • *Law Enforcement Officers*
	   • *Law Enforcement Supervisors*
	   • *First Responders*
	   • *Facility Security Officers*
	   • *Port and Facility Leadership*

	Technical Reports& Deliverables *Grants & Contracts Products Delivered under my supervision as Principal Investigator (PI), CO-PI, & Project Director:* • *How to Respond to Training Needs Related to Acquisition, Transfer, Retention, Automaticity, and Expertise: A HPT-based Heuristic,* Prepared for the Naval Education and Training Command, Contract Number: N00140-03-C-0036, Prepared by: The Learning Systems Institute Florida State University, Suite C4600 University

Center, Tallahassee, Florida 32306-2540, August, 23, 2007.

- ***Literature Review for the Optimization of Online Participation and Collaboration in the Integrated Learning Environment,*** Prepared for the Naval Education and Training Command, Contract Number: 00140-03-Q-2897, Prepared by: The Learning Systems Institute Florida State University, Suite C4600 University Center, Tallahassee, Florida 32306-2540, August 16, 2004
- ***Strategies and Best Practices to Optimize Online Participation and Collaboration in the Integrated Learning Environment****,* Prepared for the Naval Education and Training Command Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Suite C4600 University Center, Tallahassee, Florida 32306-2540 August 16, 2004
- ***Literature Review for Learner-Learner Interaction in the Online Learning Environment,*** Prepared for the Naval Education and Training Command, Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Suite C4600 University Center, Tallahassee, Florida 32306-2540, September 8, 2004
- ***Guidelines for Learner-Learner Interaction in the Online Learning Environment,*** Prepared for the Naval Education and Training Command, Contract Number: N00140-03-Q-2897, Prepared by The Learning Systems Institute, Florida State University, Tallahassee, Florida 32306, September 8, 2004
- ***Revalidation of IDS Guidelines for Learner-Instructor Interaction in the Navy Integrated Learning Environment****,* Prepared for the Naval Education and Training Command Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Suite C4600 University Center Tallahassee, Florida 32306-2540, September 8, 2004
- ***Literature Review for Online Learner Characteristics and Skills,*** Prepared for the Naval Education and Training Command, Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University Suite C4600 University Center, Tallahassee, Florida 32306-2540 September 22, 2004
- ***Online Learner Characteristics and Skill Sets****,* Prepared for the Naval Education and Training Command, Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Tallahassee, Florida 32306-2540, September 22, 2004
- ***Literature Review for Online Course Completion****,* Prepared for the Naval Education and Training Command Contract Number: N00140-03-Q-2897, Prepared by The Learning Systems Institute, Florida State University, Tallahassee, Florida 32306-2540, October 18, 2004
- ***Strategies/Best Practices to Optimize Online Course Completion,*** Prepared for the, Naval Education and Training Command, Contract Number: N00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Suite C4600 University Center Tallahassee, Florida 32306-2540, October 18, 2004
- ***IDS Duties and Tasks in an Online Learning Environment****,* Prepared for the Naval Education and Training Command, Contract Number: 00140-03-Q-2897, Prepared by: The Learning Systems Institute, Florida State University, Suite C4600 University Center Tallahassee, Florida 32306-2540, February 22, 2005
- *Psychological impact of tier programs: An outcome evaluation.* Tallahassee, FL:

	Florida Department Of Corrections, 1991
	• ***Research foundations and theoretical bases of substance abuse treatment programs***. Tallahassee, FL: Florida Department Of Corrections1989.
	• S*ubstance abuse programs: program evaluation.* Tallahassee, FL: Florida Department Of Corrections, 1989
	• ***Job skills education program, data management system: features & functions***. Tallahassee, FL: Center for Educational Technology, Florida State University, 1988.
	• ***Job skills education program, curriculum catalog***. Tallahassee, FL: Center for Educational Technology, Florida State University, 1987.
	• ***Job and task analysis of Florida correctional officers: Final Report***. Tallahassee, FL: Florida Department Of Law Enforcement, 1984.
	• ***Review of job and task analysis and clustering schema***. Tallahassee, FL: Center For Educational Technology, Florida State University, 1983.
Consulting Experience & Skills	
	Numerous clients from private business and government agencies assisted with variety of research projects. Specifically, provided consulting services to several hospitals, banks, and HRD agencies with occupational analysis, job and task analysis, for the purpose of restructuring their workforce and redesigning their organizational performance.