

CURRICULUM VITAE

Anthony Veltri, Ed.D, CSHM
Environmental and Occupational Health & Safety Program
Office: 107 Milam Hall
Oregon State University
Corvallis, Oregon 97331-6406
Phone: (541) 737-3831
Fax: (541) 737-6914
E-mail: anthony.veltri@oregonstate.edu

A. EDUCATION AND EMPLOYMENT

Education

Education Doctorate 1985 Educational Psychology, West Virginia University, Morgantown, West Virginia
Master of Science 1975 Safety Studies, West Virginia University, Morgantown, West Virginia
Bachelor of Science 1973 Education, Salem College, Salem, West Virginia

Employment

1991 – Present Associate Professor, Environmental and Occupational Health and Safety Program,
College of Public Health & Human Sciences, Oregon State University
1985 – 1991 Assistant Professor, Environmental Health and Safety Program, Department of Public
Health, Oregon State University
1977 -1985 Lecturer, Safety and Environmental Management Studies, Industrial Engineering
Department, College of Engineering, West Virginia University

Specialization

Instruction, research, and service related to environment, safety and health management.

Honors/Distinctions

United States Coast Guard, Medal and Certificate of Appreciation, Newport, Oregon, 2007

Safety Professional of the Year Award, American Society of Safety Engineers, Academic Specialties Practice Section, 2006

Outstanding Safety Management Professional Award, National Safety Management Society, Chicago Illinois, September 2003

Outstanding Service Award, Aerospace Section, Industrial Division, National Safety Council, Chicago Illinois, 1992

Outstanding Teacher, West Virginia University, Morgantown, West Virginia 1982

Outstanding Teacher, West Virginia University, Morgantown, West Virginia 1980

May 2015

A. TEACHING

Instructional Summary

Courses Developed:

PhD Program: (n=2)

H 681 Advanced Topics in Environment, Safety and Health

Advanced topics in the environment, safety and health discipline. Content varies with each offering.

H682 Environment, Safety and Health Moving from Research to Practice

An examination of research transfer models that can be adapted and implemented to environmental and occupational settings. Case studies and content will vary with each course offering.

Master's Program: (n=8)

H 599 Economic Analysis of Environment, Safety and Health

Inquiry into the fundamental aspects of economic analysis applied to ESH issues and practices.

H 583 Environment, Safety and Health Management

Strategic management of the environment, safety and health function within private and public sectors. Emphasis on strategy formulation and structuring, implementation, and evaluation practices.

H 588 Occupational Safety and Health

This course studies the management and technical practices and tools for recognizing, evaluating and controlling hazardous exposures that may produce injury and illness in the workplace.

H 498/598 Fire and Hazardous Materials Management

This course studies industrial fire hazards; prevention and control techniques; monitoring-detection-extinguishing systems; codes and laws and practices of hazardous materials management.

H 496/596 Applied Ergonomics

This course studies the practice of occupational ergonomics that is intended to reduce worker-hardware-environmental mismatch problems which affect the effectiveness and efficiency of worker performance.

H 495/595 Design for Environment, Safety and Health

This course studies the way to systematically consider environmental, safety and health issues at the earliest possible stage in the design engineering of products, processes, technologies and services to minimize later risk and cost burdens throughout the full life cycle.

H 489/589 Emergency and Disaster Management

Study of preparedness, response, recovery and business resumption strategies and tactics needed to effectively deal with emergency and disaster related incidents.

H 485/585 Environment, Safety and Health Law

This course studies the legal-regulatory aspects of safety, health and environmental law and the socio-economic impact that the regulatory process has on business and industry performance.

Minor Program (n= 2)

H 385 Accident Hazards and Codes

This course studies the occupational safety and health laws and regulations affecting general industry, construction, maritime, agriculture and forestry. .

H 150 Introduction to Environment, Safety and Health

An introduction of the environment, safety and health field for students of all disciplines is provided. The coursework covers the purpose, scope and objectives and role that both public and private sectors have played in shaping policy.

B. RESEARCH

Refereed Journal Articles

1. Pagell, M., Dibrell, C., Veltri, A., Maxwell, E. (2014) "Is an efficacious operation a safe operation: The role of operational practices in worker safety outcomes", *IEEE Transactions on Engineering Management*, 61(3), 511,521.
2. Pagell, M., Veltri, A., Johnston, D., Klassen, R., Biel, M. (2014) Is Safe Production an Oxymoron? *Journal of Production and Operations Management* 23 (7):1161-1175.
3. Longoni, A., Pagell, M., Johnston, D., Veltri, A. (2013) When lean is mean- a critical empirical exploration of lean practices and worker outcomes. *International Journal of Production Research* 51(11): 3300-3320.
4. Maxwell, E. and Veltri, A. (2013) Refining a More Complete Theory of Environment, Safety, and Health Management Strategy Using Case Studies. *Journal of Safety, Health and Environmental Research* 6(1): 48.
5. Veltri, A., Pagell, M., Johnston, D., et al., (2013) "Understanding safety in the context of business operations: An exploratory study using case studies", *Journal of Safety Science*, 55, 119-134.
6. Hallowell, M., Veltri, A., and Johnson, S. (2009) "Safety and Health Management and Lean Production: Lessons Learned and Best Practices" *Professional Safety*.
7. Veltri, A., and Ramsay, J, (2009) "Economic Analysis of Environment, Safety and Health Investments," *Professional Safety*, 48, (7), 30-36.
8. Veltri, A., and Brace, A., (2009) "A Plant Level Ergonomics Case Study," *Professional Safety*, 48, (7), 30-36.
9. Veltri, A., and Maxwell, E., (2008) "Safety, Health and Environmental Strategies Available to Firms and Being Used by Firms: A Conceptual Framework for Formulating Strategy," *Journal of Safety, Health and Environmental Research*. Vol. 5 (2), Featured Article #1
10. Behm, M., Veltri, A., Fonooni, H., and Haynes, V., (2008) "The Importance of Safety and Environmental Management in Business Schools," *Journal of Safety, Health and Environmental Research*. Vol. 5 (2), Featured Article #1
11. Das, A., Pagell, M., Veltri, A., and Behm, M., (2008) "Toward a Theory of the Linkages between Safety and Quality," *Journal of Operations Management*. Vol. 26, (521-535).

12. Veltri, A., and Ramsey, J., (2008) "Doctorates in Occupational Safety and Health: A Critical Shortage," Journal of Safety, Health and Environmental Research. Vol. 5 (3), Featured Article #5
13. Hart, M., Veltri, A., and Neumann, C., (Fall 2007) "Hand Injury Prevention Training: Assessing Knowledge, Attitude and Behavior," Journal of Safety, Health and Environmental Research, Vol. 4 (3), Featured Article #1.
14. Veltri, A., Pagell, M., Behm, M., and Das, A., (2007) "A Data-Based Evaluation of the Relationship Between Occupational Safety and Operating Performance," Journal of Safety, Health and Environmental Research, Vol. 4 (1), Featured Article #2.
15. Behm, M., Veltri, A., and Kleinsorge, Ilene, (2004) "Building the Business Case for Safety: A Cost Analysis Model," Professional Safety, 49, (4), 22-29.
16. Nave, M., and Veltri, A., (2004) "Effect of Loss Control Services on Reported Injury Incidents," Journal of Safety Research, 35: 39-46.
17. Veltri, A., Dance, D., and Nave, M., (2003) "Safety, Health and Environmental Cost Model: An Internal Study from the Semiconductor Manufacturing Industry," Part 1. Professional Safety, 48, (7), 30-36.
18. Veltri, A., Dance, D., and Nave, M., (2003) "Safety, Health and Environmental Cost Model: An Internal Study from the Semiconductor Manufacturing Industry," Part 2. Professional Safety, 48, (6), 23-32.
19. Veltri, A., DeGenova, J., & O'Hara, P., Airth, Gerald. (2000) "Example of Using Financial Analysis Tool to Demonstrate Economic Soundness and Sustainability: Recycling Spent Ultra pure Rinse Water-A Case Study", Journal of Environmental Health, 63 (4): 17-22.
20. Veltri, A., Rutledge, D., & Van Pelt, G., (1997) "A Two-Dimensional Assessment Scheme for Meeting the Economic Challenges of Disabling Business Interruptions." Journal of Safety Management, 1 (2): 4-13.
21. Veltri, A., Sorine, A., & Wales, C., (1997) "How to Build Resource Protection Functions," Occupational Hazards, 59 (8): 53-56.
22. Veltri, A. (1994) "A Determination of a Master of Science Curriculum in Safety Management Studies--A Research-Based Inquiry. Journal of Safety Management, 6 (4): 5-13.
23. Veltri, A. and D. Lyster, (1993) "Determining the Total Direct Costs of Injuries for Self-Insured Organizations," Journal of Safety Management, 5 (2): 8-12.
24. Veltri, A. (1992) "Evaluating the Safety Function: A Conceptual Model for Measuring Financial and Economic Impact," Journal of Safety Research, 23 (1): 27-38.
25. Veltri, A., (1991) "Safety Consulting; Strategies for Sustaining a Long-Term Client Relationship," Professional Safety, 35, (7), 25-30.
26. Veltri, A., (1990) "Improved Safety Function Strategy and Structure: A Research-based Inquiry," Occupational Hazards, 53 (9); 149-152.

27. Veltri, A., (1990) "Management Principles for the Safety Function," Journal of Safety Research, 22 (8): 1-10. 1.6
28. Veltri, A., (1990) "Organizing the Safety Function," Occupational Hazards, 52 (5): 97-100.
29. Veltri, A., (1989) "Accident Cost Impact Model: The Direct Cost Component," Journal of Safety Research, 21(2): 67-73 1.6
30. Veltri, A., (1989) "Strategically Planning the Safety Function," Occupational Hazards, 51(11); 59-64.

Refereed Journal Articles Under-Review

1. Tompa, E, Robson, L, Sarnocinska-Hart, A, Klassen, R; Shevchenko, A, Sharma, S, Hogg-Johnson, S, Amick, B, Johnson, A, Veltri, A, Pagell, M, (2015). "Symbiosis or Trade-off? An Evaluation of the Relationship Between Safety and Operations in Manufacturing", Scandinavian Journal of Work
2. Pagell, M., Veltri, A., Johnston, D. (2014). "Twenty First Century Production Still Starts with Safety", Sloan Management Review

Research Underway

1. Pagell, M; Johnston, D; Veltri, A; Robson, L; Shevchenko, A., (2015). "Exploring the Decision to Manage Operations and Safety Jointly", Decision Sciences
2. Johnston, D., Pagell, M., Veltri, A. "Managerial Values in Creating a Plant Level Culture for Safe Production", Journal of Production and Operations Management
3. Veltri, A., Calvo-Amodio, J., Haapala, K., Wu, Z., Ng, E. "Integrating Engineering & Operations Management Systems Theory as a New Way for Confronting & Managing Occupational Safety Issues"
4. Hao, Z., Veltri, A., Calvo-Amodio, J., Haapala, K. "Understanding Sustainable Manufacturing Static and Dynamic System Costs: A Conceptual Framework"
5. Hao, Z., Calvo-Amodio, J., Veltri, A., Haapala, K. "A Systemic Costing Method for Developing a Dynamic Cost Model of Sustainable Manufacturing Systems"
6. Veltri, A., Kruse, T., Veltri, A "Disclosing Life Cycle Costs to Environment, Safety and Health Management Systems: A Conceptual Framework"
7. Veltri, A., Hallowell, M, Construction Safety Maturity Model: Measuring Safety Potential Using a Meta-Analysis of Construction Safety Best Practices
8. Veltri, A., Wood, N., "Vulnerability Analysis in Occupational Safety: A Conceptual Framework"

Refereed Presentations/Conference Proceedings

1. Tong, A., Veltri, A., Ng, E., Calvo-Amodio, J., Haapala, K., 2015, "Safety: Let's Start at the Beginning," Proceedings of the American Society for Engineering Management 2015 International Annual Conference, Indianapolis, Indiana, USA, October 7-10, 2015, abstract accepted.

2. Veltri, A., Hallowell, M., (2015) Belfast, Northern Ireland Measuring Safety Potential Using a Meta-Analysis of Construction Safety Best Practices
3. Johnson, D., Pagell, M., Veltri, A., Klassen, R., (2013). Ends verses means in achieving sustainable operations: Case studies on the impact of managerial values on outcomes EUROMA Conference in Dublin (IRL)
4. Pagell, M., Johnston, D., Klassen, R., Veltri, A., (2012). "Are Safe Human Resources Productive Human Resources? Presented at and appeared in the proceedings of the EUROMA Conference in Amsterdam (NL).
5. Longoni, A., Pagell, M., Johnston, D., Veltri, A., (2012). "Lean Work Environments and their Impact on Worker and Operational Outcomes". Presented at and appeared in the proceedings of the EUROMA Conference in Amsterdam (NL).
6. Maxwell, E., and Veltri, A., (2012). "Refining a more complete theory of ESH management strategy using case studies", Presented at the 2012 American Society of Safety Engineers Conference, Denver, Colorado.
7. Veltri, A., (2011). "Making the Business Case for Safety," Oregon Governors Occupational Safety and Health Conference, Portland, Oregon
8. Veltri, A., Pagell, M., Johnston, D., (2010). Economics of Sustainability – Health, Safety, and the Environment Research to Practice NIOSH, Cincinnati, Ohio
9. Pagell, M., Shah, R., Veltri, A., Maxwell, E., (2010). "The Business Case for Safety: An Exploration of Operational Practices and Worker Safety Outcomes," Academy of Management Meeting" Montreal, Canada
10. Johnston, D., Pagell, M., Biehl, M., Veltri, A., (2009). "Safe Operations: A Multi-Stakeholder Examination of Operational Practices and Health and Safety Outcomes". Decision Sciences Annual Conference, New Orleans, Louisiana
11. Veltri, A., (2009). "Linking ESH to Economic Performance" Oregon Governors Safety and Health Conference, Portland, Oregon
12. Behm, M., and Veltri, A., (2008). "External Safety Reporting Among U.S. Construction Firms," 14th Rinker International Conference on Construction Safety and Health, Evolution of and Direction in Construction Safety and Health, Gainesville, Florida
13. Behm, M., and Veltri, A., (2007). "Assessing the Relationship Between Safety and Quality," American Society of Safety Engineers, Annual Conference, Orlando, Florida
14. Veltri, A., (2007). "Applying Economic Analysis to Safety, Health and Environmental Issues and Practice Management: Making the Business Case, National Safety Management Society Conference, Las Vegas, Nevada
15. Veltri, A., (2005). "Making the Business Case for Environment, Safety and Health," Oregon Governors Occupational Safety and Health Conference, Portland, Oregon

16. Veltri, A., (2004). "From Classroom To Board Room: Are Students Prepared,?" American Society of Safety Engineers, Annual Conference, Chicago, Illinois
17. Veltri, A., (2002). "Profiling Building Commissioning Environment, Safety and Health Costs," National Conference on Building Commissioning, Chicago, Illinois
18. Veltri, A., (2001.) "A New Environment, Safety and Health Cost Model for Green Building Design," Scientific Equipment Symposium, San Antonio, Texas
19. Veltri, A., (2001). "Modeling Green and Sustainable Building Design Costs," United States Green Building Council Conference, Tucson, Arizona
20. Veltri, A., (2000). "Analyzing Failures to Protect and Use A Firm's Resources Productively: An Analytical Sequence Model," International Conference on Occupational Risk Prevention, Tenerife (Canary Isles) Spain
21. Veltri, A., (2000). "New Developments and Challenges in Risk Management: Assessing the Contribution of Environment, Safety and Health to a Firms Strategic Business Performance", 14th Triennial Congress of the International Ergonomics Association and the Human Factors & Ergonomics Society, San Diego, California
22. Veltri, A., (2000). "Building Your Environmental Health and Safety Toolbox," California Industrial Hygiene Conference, Los Angeles, California
23. Veltri, A., DeGenova, J., & O'Hara, P., (1999). "Profiling Environmental, Safety and Health Cost and Profitability Potential Associated With Recovery, Reuse, and Recycle of Water in Semiconductor Fabrication Facilities," Eco-Design '99 International Conference on Environmentally Conscience Design and Inverse Manufacturing, Tokyo, Japan
24. Veltri, A., (1999). "Macro-ergonomic Design: Modeling the Financial Aspects of Environment, Safety and Health Activities: A Computer Aided-Tool," International Conference on Computer-Aided Ergonomics and Safety, Barcelona, Spain
25. Carter, J., and Veltri, A., (1999). "New Approaches to Determining the Value of Risk Control Activities," Society of Risk Analysis and Economic Impact Conference, Atlanta, Georgia
26. Veltri, A., (1999). "Profiling the Environment, Safety and Health Life Cycle Cost and Profitability Potential Associated With Products, Technologies and Processes: A Research Based Inquiry," National Safety Congress and Exposition, New Orleans, Louisiana
27. Veltri, A., & O'Hara, P., (1998). "Determining Semi-Conductor Manufacturing Profitability: Seeing the Forest for the Trees" Using Environment, Safety and Health Cost Modeling," SEMICON EUROPE 98, Geneva, Switzerland
28. Veltri, A., and O'Hara, P., (1998). "Environmentally Conscience Manufacturing-Can Environmental, Safety and Health Action Also Be Money Saving," SEMICON Europe 98, Geneva, Switzerland.
29. Veltri, A., (1997). "Modeling Environment, Safety and Health Costs," International Conference on Ergonomics, Tampere, Finland

30. Lashbrook, W., O'Hara, P., Dance, D., & Veltri, A., (1997). "Design for Environment Tools for Management Decision Making: A Selected Case Study," International Electronics Manufacturing Technology Symposium, San Francisco, California
31. Veltri, A., (1997). "A New Set of Curriculum Requirements Required In Environment, Safety and Health Management Studies," Occupational Safety and Health Educators' Conference, Las Vegas, Nevada
32. Veltri, A., (1997). "Environment, Safety and Health Design Tool Software Applications," Laboratory Safety and Environmental Management Conference, San Diego, California.
33. Veltri, A., (1996). "Environment, Safety and Health Cost Modeling-Results of Manufacturing Process Pilot Studies," National Safety Congress and Exposition, Orlando, Florida
34. Veltri, A., (1996). "Environmental, Safety and Health Cost Modeling: Materials Based Data Requirements Research Report Poster Session," Design for Environment Implementing Industrial Ecology Conference, Lawrence Livermore National Laboratory Conference, San Ramon, California
35. Veltri, A., (1996). "Cost Factors to Consider in Modeling Environment, Safety and Health Costs - Results of Research of Semiconductor Manufacturing Processes," Environment, Safety and Health International Conference, Monterey California
36. Veltri, A., & Toth, S., (1996). "Applications of Cost of Ownership to Environment, Safety and Health", International Electronics Manufacturing Technology Symposium, Austin, Texas
37. Dance, D., Lashbrook, W, & Veltri, A., (1996). "Applied Research Activities In Cost Analysis For Environment, Safety, and Health," SEMICON EUROPE, Geneva, Switzerland
38. Menedicino, L., Lashbrook, W., Dance, D., O'Hara, P., & Veltri, A., (1996). "Incorporating Evaluation of Environment, Safety and Health Impacts of Semiconductor Manufacturing Into Design and Process Development," SEMICON EUROPE, Geneva, Switzerland
39. Veltri, A., (April 1995). "The Economics of Environment, Safety and Health," Semiconductor Industry Consortia, Austin, Texas.
40. Veltri, A., (1994). "A Conceptual Framework for Organizationally Positioning the Environment, Safety and Health Function Within the Private Sector," National Safety Congress and Exposition, San Diego, California
41. Veltri, A., (1993). "Safety Studies Curriculum: A Data Based Study," National Safety Congress and Exposition, Chicago, Illinois
42. Veltri, A., (1992). "Improved Safety Function Strategy and Structure," National Safety Congress and Exposition, New Orleans, Louisiana
43. Veltri, A., (1991). "Evaluating the Safety Function," National Environmental Health Conference, Portland, Oregon
44. Veltri, A., (1990). "An Accident Cost Impact Model," Pacific Rim Safety and Occupational Health Conference, Honolulu, Hawaii

45. Veltri, A., (1990). "A Revised Management Strategy and Organizational Structure for Safety Function Management," National Safety Congress and Exposition, Las Vegas, Nevada
46. Veltri, A., (1990). "Accident Cost Impact Model: The Direct Cost Approach," Environmental Health Association Conference, Charlotte, North Carolina
47. Veltri, A., (1990). "Management Transformations Needed to Optimize Safety Performance," National Safety Congress and Exposition, Las Vegas, Nevada
48. Veltri, A., (1989). "An Accident Cost Impact Model: The Direct Approach", National Safety Congress and Exposition, Annual Convention of Aerospace Safety Managers, Chicago, Illinois
49. Veltri, A., (1988). "Strategically Planning the Safety Function," National Safety Congress and Exposition, Orlando, Florida
50. Veltri, A., (1987). "Paradigm Shifts Expected in Occupational Safety and Health," National Safety Congress and Exposition, Chicago, Illinois
51. Veltri, A., (1987). "Calculating Non-realized Profitability Resulting From Accident/Incident Expenses," Oregon Occupational Safety and Health Conference, Portland, Oregon
52. Veltri, A., (1986). "Educational Opportunities for Professional Development," National Safety Congress and Exposition, New Orleans, Louisiana

Invited Papers and Presentations

1. Veltri, A., (2015). Building New & Unique Occupational Safety & Health Capabilities in Chinese Manufacturing Companies which Support Worker & Management Engagement, Center for Global Health, Oregon State University
2. Veltri, A., (2014). "Building Organizational Capabilities in ESH", Institute for Sustainable Communities, Guangzhou, China
3. Veltri, A., (2014). Costing ESH Issues and Practices", Sun Yat-Sen University, Guangdong, China
4. Veltri, A., (2014). Costing ESH Issues and Practices", Adidas & H&M, Hong Kong Meeting
5. Veltri, A., (2011) "Key ESH Factors that Make a Successful Organization" Multi-Brand Global Summit ESH Compliance Summit, Dongguan, Guangdong, China.
6. Veltri, A. and Roberts, Jason (2011) *Return on Investment – Understanding the Cost of Compliance*" Multi-Brand Global Summit ESH Compliance Summit, Dongguan, Guangdong, China.
7. Veltri, A., (2009) "*Occupational Safety and Health in the Future Workplace*" Center for Research on Occupational and Environmental Toxicology and Oregon OSHA Symposium, Portland, Oregon.
8. Veltri, A., (2005) "*Environmental, Safety and Health: A Curriculum Concept for the Future*" National Safety Management Society Annual Conference, Chicago, Illinois.
9. Veltri, A., (August 2004) "*Costing Environmental Issues,*" Environmental Protection Agency Annual Environment, Safety and Health Management Conference, Philadelphia, Pennsylvania

10. Veltri, A., (September 2003) *“Software Modeling Tools for the Environmental, Safety and Health Specialist,”* The Boeing Company, Annual Environmental, Safety and Health Conference, Seattle, Washington.
11. Veltri, A., (August 2003) *“Environmental Management Systems,”* Environmental Protection Agency Annual Safety, Health and Environmental Management Conference, New York, New York.
12. Veltri, A., (August 2003) *“Economic Analysis of Environment, Safety and Health,”* American Society of Safety Engineers Professional Development Meeting, Portland, Oregon.
13. Veltri, A., (May 2002) *“Risk Based Forecasting”, Managing Through A Crisis,”* Environmental Protection Agency Annual Conference, Bloomingdale, Illinois.
14. Veltri, A., (June 2001) *“Building the Business Case for Environment, Safety and Health,”* The McDonough School of Business, Georgetown University, Washington, D.C.
15. Veltri, A., (May 2000) *“Green and Sustainable Building Design Cost Modeling,”* United States Green Building Council Strategic Planning Meeting, Bozeman, Montana.
16. Veltri, A., (September 1999) *“How Safety and Health Affects the Bottom Line,”* Central Oregon Occupational Safety and Health Conference, Bend, Oregon. (Keynote Address)
17. Chalfan, L., Rifer, W., and Veltri, A., (December 1999) *“Sustainable Resource Development and Use,”* OSU Sustainability Colloquium, Industrial and Manufacturing Engineering, College of Engineering, Oregon State University, Corvallis, Oregon.
18. Veltri, A., (May 1999) *“Evaluating Environment, Safety and Health Strategy and Structure,”* Group Research Company for Telecommunications and Electronics, Torino, Italy.
19. Veltri, A., (May 1999) *“Environment, Safety and Health Life-Cycle Costing”*, Engineering Department, Darmstadt University, Darmstadt, Germany.
20. Veltri, A., (June 1998) *“Multimedia Tools for Training Management-Automating Environment, Safety and Health Cost Information,”* EPA Laboratory Safety and Health Conference, Research Triangle Park, North Carolina.
21. Veltri, A., (April 1998) *“Estimating Environment, Safety and Health Costs Associated with Semiconductor Manufacturing,”* Fraunhofer Institute for Reliability and Micro integration, Berlin, Germany.
22. Veltri, A., (April 1998) *“Ways to Transfer Environment, Safety and Health Cost Modeling Technology to Design and Process Engineers,”* Group Research Company for Telecommunications and Electronics, Torino, Italy.
23. Veltri, A., (February 1998) *“Using ESH Cost Modeling for the Pricing of Products and Services Within the Insurance Industry”*, Aon Group, Risk and Information Management Division, Portland, Oregon.
24. Veltri, A., (February 1998) *“ESH Cost Model as an Automated Training Tool for Management,”* Safety, Health and Environmental Management Division, U.S. Environmental Protection Agency, Washington, D.C.

25. Veltri, A., (January 1998) *“Modeling ESH Costs within Hewlett Packard Company Manufacturing Operations,”* Environment, Safety and Health Department, Hewlett Packard Company, San Jose, California.
26. Veltri, A., (January 1998) *“Integrating the ESH Cost Model with Other Computerized Cost of Ownership Models,”* SEMATECH Technical Advisory Group, Austin, Texas.
27. Veltri, A., (December 1997) *“Environment, Safety and Health Management: A Model for Integrating Science, Engineering and Business,”* Departments of Business, Engineering and Environmental Health, University of Washington, Seattle, Washington.
28. Veltri, A., (August 1997) *“Environment, Safety and Health Design Tools for Enhancing Manufacturing Performance,”* Boeing Defense and Space Group Meeting, Seattle, Washington.
29. O’Hara, P., and Veltri, A., (June 1997) *“Assessing Risk and Cost Associated With Environment, Safety and Health,”* Company –Wide Environment, Safety and Health Seminar, SGS Thompson Company, Milan, Italy.
30. Veltri, A., (June 1996) *Improving Environment, Safety and Health Risk Decision-Making,”* Safety Summit Conference, Portland Light-rail Project, Portland, Oregon
31. Veltri, A., (June 1996) *“Modeling Environment, Safety and Health Costs,”* Company –Wide ESH Seminar, CSELT Group Research Company for Telecommunications and Electronics, Turin, Italy.
32. Veltri, A., (May 1996) *“Modeling Environmental, Safety and Health Economics,”* Edison Electric Institute Annual Conference, Kansas City, Missouri.
33. Veltri, A., (February 1996) *“Modeling Environmental, Safety and Health Costs,”* Organizational Resources Counselors-Fortune 200 Companies West Coast Seminar, Sacramento, California.
34. Veltri, A., (January 1996) *“Strategy, Structure and Economics of Corporate ESH Practice,”* Organizational Resources Counselors- Fortune 200 East Coast Seminar, Washington, DC, January 1996.
35. Veltri, A., (January 1996) *“Modeling Chemical Management Costs,”* Intel Total Chemical Management Department, Santa Clara, California.
36. Veltri, A., (October 1995) *“Partnerships in Cost Management: Understanding Environment, Safety and Health Costs,”* Semiconductor Industry Association Financial Conference, Fort Collins, Colorado.
37. Veltri, A., (September 1995) *“Incorporating Evaluation of ESH Impacts of Semiconductor Manufacturing Into Design and Process Development Stage,”* Semiconductor Safety Association Conference, Colorado Springs, Colorado.
38. Veltri, A., (August 1995) *“Environment, Safety and Health Cost Modeling,”* Hewlett Packard Environment, Safety and Health Department, Corvallis, Oregon
39. Veltri, A., (July 1995) *“Environment, Safety and Health Cost Modeling,”* Hewlett Packard, Environment, Safety and Health Department, Fort Collins, Colorado

40. Veltri, A., (July 1995) *"Environment, Safety and Health Cost Modeling,"* Intel Corporation, Environment, Safety and Health Department, Aloha, Oregon
41. Veltri, A., (July 1995) *"Environment, Safety and Health Cost Modeling,"* Intel Corporation, Environment, Safety and Health Department, Chandler, Arizona
42. Veltri, A., (June 1995) *"Environment, Safety and Health Cost Modeling,"* IBM, Environment, Safety and Health Department, Burlington, Vermont
43. Veltri, A., (June 1995) *"Environment, Safety and Health Cost Modeling,"* National Semiconductor Corporation, Environment, Safety and Health Department, Santa Clara, California
44. Veltri, A., (May 1995) *"Environment, Safety and Health Cost Modeling,"* Texas Instruments, Environment, Safety and Health Department, Dallas, Texas
45. Veltri, A., (May 1995) *"Environment, Safety and Health Cost Modeling,"* Motorola, Environment, Safety and Health Department, Austin, Texas
46. Veltri, A., (April 1995) *"Environment, Safety and Health Cost Modeling,"* Symbiosis Logic, Environment, Safety and Health Department, Colorado Springs, Colorado
47. Lashbrook, W., Dance, D., and Veltri, A., (April 1995) *"Measuring the Environment, Safety and Health Cost Impacts of Semiconductor Manufacturing,"* National Semiconductor Safety Association Annual Meeting, Scottsdale, Arizona.
48. Veltri, A., (February 1995) *"An ESH Cost Accounting Framework,"* National Bakers and Suppliers Association Annual Conference, Pebble Beach, California.
49. Veltri, A., (January 1995) *"Managing Environment, Safety and Health Programs,"* Oregon Army National Guard Statewide Meeting, Salem, Oregon.
50. Veltri, A., (September 1994) *"Dealing With Disabling Business Interruptions,"* American Society of Safety Engineers Professional Development Meeting, Eugene, Oregon
51. Veltri, A., (July 1994) *"Principles for Organizing the ESH Function Within Business and Industry,"* National Safety Council, Aerospace Division Meeting, Hartford, Connecticut.
52. Veltri, A., (September 1994) *"Profiling Environment, Safety and Health Cost and Profitability,"* College of Business, University of Houston, Houston, Texas.
53. Veltri, A., (June 1994) *"Environment, Safety and Health Cost of Ownership,"* Arthur Anderson Consulting Firm, San Francisco, California.
54. Veltri, A., (March 1994) *"Environment, Safety and Health Cost of Ownership,"* SEMATECH High Technology Conference, Austin, Texas
55. Veltri, A., (February 1994) *"A Model for Dealing with Disabling Business Interruptions,"* American Society of Safety Engineers, Annual Meeting, Eugene, Oregon.
56. Veltri, A., (July 1992) *"Research in Safety Management,"* Aerospace Safety Conference, Salt Lake City, Utah.

57. Veltri, A., (February 1992) "*Assessing Safety Strategy and Organizational Structure,*" Professional Development Seminar, Southern California Edison, Los Angeles, California.
58. Veltri, A., (January 1992) "*Referents for Measuring Safety Function Performance,*" Professional Development Seminar. Technology and Information Transfer Group, Tenneco Company, Houston, Texas, January 1992. (Keynote Address)
59. Veltri, A., (May 1990) "*Strategically Planning the Safety Function,*" Environmental Protection Agency Annual Safety and Health Conference, Savannah, Georgia.
60. Veltri, A., (April 1990) "*Economic Impact of Accidents,*" Western States Professional Safety and Health Conference, Los Angeles, California.
61. Veltri, A., (April 1990) "*Accident Cost Impact Model,*" Pacific Rim Safety and Occupational Health Conference, Honolulu, Hawaii.
62. Veltri, A., (March 1990) "*Organizing the Safety Function,*" Aerospace Safety and Occupational Health Seminar, Savannah, Georgia.
63. Veltri, A., (February 1990) "Safety Strategy and Structure." OR-OSHA Professional Development Seminar, Eugene, Oregon.
64. Veltri, A., (May 1988) "*Strategic Planning Model for Occupational Safety and Health,*" Department of General Services, State of Oregon, Salem, Oregon
65. Veltri, A., (April 1988) "*Accident Cost Impact Modeling,*" Department of Risk Management, Port of Portland, Portland, Oregon
66. Veltri, A., (March 1987) "*Calculating Non-realized Profitability Resulting From Accident/Incident Expenses,*" National Safety Management Society Professional Development Meeting, San Francisco, California
67. Veltri, A., (October 19987) "*Management of Safety,*" Seminar School of Business, Oregon State University, Corvallis, Oregon
68. Veltri, A., (March 1986) "*Safety Studies Curriculum; Rationale and Justification,*" American Society of Safety Engineers Professional Development Meeting, Portland, Oregon
69. Veltri, A., (September 1986) "*Justifying Safety Function Management Within an Organization,*" American Society of Safety Engineers Professional Development Meeting, Portland, Oregon
70. Veltri, A., (October 1986) "*Selecting Applicable Safety Foundations from Management Science,*" American Society of Safety Engineers Professional Development Meeting, Eugene, Oregon
71. Veltri, A., (March 1982) "*Essentials of Accident Analysis,*" Safety and Occupational Health Seminar, U.S. Department of Agriculture, Kansas City, Missouri.
72. Veltri, A., (February 1982) "*Mission, Goals, and Objectives of Safety Management,*" U.S. Department of Agriculture, Management Training Seminar, New Orleans, Louisiana.

73. Veltri, A., (January 1982) *"Unique Features of Safety and Health Training Projects,"* U.S. Department of Agriculture, Training Seminar, Washington, D.C.
74. Veltri, A., (February 1981) *"Future Directions of Safety Function Management,"* J.M. Governi and Associates Professional Development Seminar, Pittsburgh, Pennsylvania.
75. Veltri, A., (June 1979) *"Improving Safety Function Management,"* American Iron and Steel Institute Professional Development Conference, Washington, D.C.
76. Veltri, A., (Mat 1979) *"Effective Safety Strategies and Tactics,"* Baltimore and Ohio Railroads, Cumberland, Maryland.
77. Veltri, A., (May 1978) *"Emergence and Growth of Safety Function Management,"* Economics Department, University of Massachusetts, Amherst, Massachusetts.

Research Grants/Contracts Funded

1. Pagell, M., Brehl, M., Ginsberg, L., Johnston, D., Klassen, R., and Veltri, A., Co PI, (2008). "The Safety Case For Business: A Multi-Stakeholder Examination of Best Practices and Health and Safety Outcomes." Workplace Safety and Insurance Board, Toronto, Canada. \$471,349.
2. Veltri, A., Oregon State University, Environment, Safety & Health Corporate Partners Program, (2003 – Present). \$150,000.
3. Veltri, A., PI and Dibrell, C., (January 2008). "Oregon Business Practices and Occupational Safety and Health Outcomes," HHS Internal Grant Program, OSU, Corvallis, Oregon. \$12,000
4. Veltri, A., Neumann, C., Co PI, (2006). "Occupational Safety and Health Assessment and Redesign of Demolition Operations," Stanton Companies, Eugene, OR. \$10,606
5. Veltri, A., and Funk, K., Co PI, (May 2005). "NIOSH Occupational Safety and Health Training Grant," Centers for Disease Control, Atlanta, GA. \$20,090
6. Wolford, J., and A. Veltri, Co PI, (July 2004). "NIOSH Occupational Safety and Health Training Grant," Centers for Disease Control, Atlanta, GA. \$47,363
7. Wolford, J., and A. Veltri, PI, (July 2003). "NIOSH Occupational Safety and Health Training Grant" Centers for Disease Control, Atlanta, GA. \$47,363
8. Wolford, J., and A. Veltri, PI, (July 2002). "NIOSH Occupational Safety and Health Training Grant" Centers for Disease Control, Atlanta, GA. \$148,000
9. Veltri, A., PI, (April 2002). "Forest Products Safety Research Grant," Willamette Industries, Albany, Oregon. \$34,000
10. Veltri, A., PI, (March 2002). "Construction Safety Course Grant," Granite Construction Company, Stockton, California. \$1,500
11. Veltri, A., PI, (2000). "Evaluation and Redesign of Safety Program Activities," Pacific Cast Technologies, Albany, Oregon, \$8,653. (OSU Research Office Undergraduate Student Participation in Faculty Research Programs)

12. Veltri, A., PI, (2000). "Construction Safety Assessment Model," NIOSH and the University of Oregon, Labor Education and Research Center, \$7,285.
13. Veltri, A., PI, (2000). "Assessing the Developmental Level of Construction Safety Programs," NIOSH and The University of Oregon, Labor Education and Research Center, \$10,432.
14. Veltri, A., (1999). "Industrial Technology Research Institute," Chutung Hsinchu, Taiwan. \$10,000, Research Office, Oregon State University. Technology Transfer Docket No. C97-05
15. Veltri, A., PI, (1999). "Safety Function Evaluation and Policy Development," Quest International, Silverton, Oregon. \$7,689. (OSU Research Office Undergraduate Student Participation in Faculty Research Programs
16. Veltri, A., PI, (1999). "Construction of Activity Based Safety Models for Service Industries," on Insurance Group, Portland, Oregon. \$20,000. (OSU Research Office Undergraduate Student Participation in Faculty Research Programs
17. Veltri, A., (1998). "Booz Allen & Hamilton Inc.," McLean, Virginia. \$10,000, Research Office, Oregon State University. Technology Transfer Docket No. C97-05
18. Veltri, A., PI, (1998). "Development of General and Specific Construction Inspection Surveys," Risk-Net Worldwide Inc., Portland, Oregon. \$10,316. (OSU Research Office Undergraduate Student Participation in Faculty Research Programs
19. Veltri, A., (1998). "Centro Studi E Laboratori Telecomunicazioni," Torino, Italy. \$10,000, Research Office, Oregon State University. Technology Transfer Docket No. C97-05
20. Veltri, A., (1998). "Applied Materials Inc., McLean, Virginia, \$10,000, Research Office, Oregon State University. Technology Transfer Docket No. C97-05
21. Veltri, A., PI, (1998). "Construct Compliance Consulting Tool," Aon Insurance Group, Portland, Oregon, \$12,000. (OSU Research Office Undergraduate Student Participation in Faculty Research Programs.
22. Veltri, A., (1998). "EORM," Sunnyvale, California. \$10,000, Research Office, Oregon State University. Technology Transfer Docket No. C97-05
23. Veltri, A., PI, (1995-2000). "Environment, Safety and Health Cost Model Development and Research," SEMATECH, Austin, Texas. \$325,000.
24. Veltri, A., PI, (1995). "Seed Money Research Grant," American Society of Safety Engineers, Columbia Chapter. Portland, Oregon. \$2,000.
25. Veltri, A., PI, (1991). "ABET Accreditation Development," American Society of Safety Engineers, Columbia Chapter. Portland, Oregon. \$10,000.
26. Veltri, A., PI, (1990). "Seed Money Research Grant, "Hughes Aircraft Company, Los Angeles, California. \$1,000.
27. Veltri, A., PI, (1990). "Safety Management Research," OR-OSHA, Department of Insurance and Finance, Salem, Oregon \$5,000

28. Veltri, A., PI, (1984). "Safety Operations Assessment Research," United States Department of Agriculture, Office of Operations. Washington, DC. \$10,000.
29. Veltri, A., PI, (1983). "MIS Model Development for Improving Safety Decision-Making Capabilities," United States Department of Agriculture, Office of Safety and Health Management. Washington, DC. \$10,000.
30. Veltri, A., PI, (1983). "Development of the Federal Employee Workers' Compensation Program Management Series," United States Department of Labor, Office of Workers' Compensation Programs. Washington, DC, \$10,000.
31. Veltri, A., PI, (1982). "Development of a National Safety Collateral Duty Training Model," United States Department of Agriculture, Office of Safety and Health Management. Washington, DC. \$100,000.
32. Veltri, A., Marcum, C.E., Sorine, A., Co PI, (1980). "Safety Function Management Training," American Iron and Steel Institute. Washington, DC (Large Steel Company Division). \$100,000.

Grants, Contracts Submitted

1. Veltri, A., Calvo-Amodio, J., Haapala, K., Ng, E., (2015). "Evaluation of Institute for Sustainable Communities Environment, Safety & Health Program to Build Capacity for Sustainable Manufacturing in China" Montpelier, Vermont. \$93,000.
2. Haapala, K., Calvo-Amodio, J., Veltri, A., (2015). GOALI: "Defining the Primary Cost Drivers of Sustainable Manufacturing Operations," NSF ID 1463690. \$315,221

Book Chapters Published

1. Veltri, A., and Ramsay, J., (2012). "Basic Economic Analysis and Engineering Economics: Foundations, Principles and Applications, (Environment, Safety and Health Economic Analysis)," Safety Professionals' Handbook, American Society of Safety Engineers, Des Plaines, Illinois.
2. Ramsay, J., and Veltri, A., (2012). "Hazard Communication and Worker Right to Know", (Cost Analysis and Budgeting)," Safety Professionals' Handbook, American Society of Safety Engineers, Des Plaines, Illinois.
3. Veltri, A., and Ramsay, J., (2008). "Basic Economic Analysis and Engineering Economics: Foundations, Principles and Applications, (Environment, Safety and Health Economic Analysis)," Safety Professionals' Handbook, American Society of Safety Engineers, Des Plaines, Illinois.
4. Ramsay, J., and Veltri, A., (2008). "Hazard Communication and Worker Right to Know", (Cost Analysis and Budgeting)," Safety Professionals' Handbook, American Society of Safety Engineers, Des Plaines, Illinois.
5. Veltri, A., (2000). "Managing Environmental Resources," Environmental Issues and Management, Accident Prevention Text, National Safety Council, Chicago, Illinois.
6. Veltri, A., (1999). "Structuring Resource Protection Technology Strategy," Safety and Health Management Planning, Government Institutes Text, Rockville, Maryland.

7. Veltri, A., (1994). "Managing Environmental Resources," Environmental Issues and Management, Accident Prevention Text, National Safety Council. Chicago, Illinois.

Technical Reports

1. Veltri, A., (2013) "Conclusions, Suppositions and Recommendations for Sustainable Manufacturing in Chinese Factories" Institute for Sustainable Communities, Montpelier, Vermont.
2. Veltri, A. and Elrod, S., (1998) "*Environment, Safety and Health Design Tools and Worker Protection - Technical Requirements, Difficult Challenges, and Potential Solutions,*" The 1998 National Technology Roadmap for Semiconductors: Technology Needs. Semiconductor Industry Association, San Jose, California.
3. Dance, D., O'Hara, P., and Veltri, A., (1997) "*Evaluation of Alternative Copper Deposition Technologies Using the ESH Cost of Ownership and CARRI Models,*" SEMATECH Report # 196188.00, Austin, Texas.
4. Veltri, A., (1997) *Environment, Safety and Health Cost Model Pilot Study Report # 95072888A-ENG*, SEMATECH, Austin, Texas.
5. Dance, D., O'Hara, P., and Veltri, A., (1996) *ESH Cost Impacts of DUV Photo Process Alternatives,*" SEMATECH Cross-Thrust Analysis, Austin, Texas.
6. Dance, D., O'Hara, P., and Veltri, A., (1996) *ESH Cost Impacts of Pre-ILD Clean,*" SEMATECH Cross-Thrust Analysis, Austin, Texas.
7. Veltri, A., (1996) *Environment, Safety and Health Cost Modeling Technology Transfer Report # 97093350A-ENG*, SEMATECH, Austin, Texas.
8. Veltri, A., (1995) *Environment, Safety and Health Cost Modeling Technology Transfer Report # 97093349A-ENG*, SEMATECH, Austin, Texas.
9. Veltri, A., (1992) "*Reform '92 Action Plan, A Report to Oregon Logging Safety and Health Task Force,*" Oregon Occupational Safety and Health Administration, Department of Insurance and Finance, Salem, Oregon.
10. Veltri, A., (1991) "*Safety and Loss Control Strategic Plan*" Risk Management Division, State of Oregon, Salem, Oregon.
11. Veltri, A., (1990) "*The Economic Impact of Worker's Compensation Costs*" Safety Department, Port of Portland, Portland, Oregon.
12. Veltri, A., (1990) "*A Revised Strategy and Structure for Occupational Safety and Health,*" National Safety Council Conference, La Vegas, Nevada.
13. Veltri, A., (1989) "*Reform '92 Action Plan, A Report to Oregon Logging Safety and Health Committee,*" Oregon Occupational Safety and Health Administration, Department of Insurance and Finance, Salem, Oregon.

14. Veltri, A., (1989) "*Action Plan: Reducing Injuries, Illnesses, and Fatalities and Stem the Tide of Rising Workers' Compensation Costs in the Oregon Logging Industry,*" Department of Insurance and Finance, Salem, Oregon.
15. Veltri, A., (1988) "*Financial Impact Report-Financial Impact of Workers' Compensation Costs on the Port of Portland,*" Human resources Division, Port of Portland, Portland, Oregon.
16. Veltri, A., (1988) "*Safety Management and Loss Control Plan for State Agencies,*" Department of General Services, Risk Management Division, State of Oregon, Salem, Oregon.
17. Veltri, A., (1987) "*Safety and Health Management Program Evaluation System,*" United States Department of Agriculture, Office of Safety and Health Management, Information and Evaluation Systems Division, Washington, D.C.

D. SERVICE

Editorial Review Boards

Editor

1. (2008 – 2010) Journal of Safety, Health and Environmental Research

Manuscript Reviewer

1. (2014 – present) Decision Sciences
2. (2010 – present) Journal of Safety, Health and Environmental Research
3. (2005 – present) Journal of Environmental Engineering Science
4. (2004 – present) Journal of Safety, Health and Environmental Research.
5. (1999 – 2002) Journal of Safety Management.

Technical Manuscript, Textbook and Software Applications Reviewer

1. (2003) Technical Reviewer, Outstanding Achievements in Safety and Productivity U.S. Based Companies, National Safety Council Research and Statistical Services
2. (2001 – 2003) Technical Review Board, Technical Publications, National Safety Council.
3. (2001 – 2002) Technical Review Board, Technical Publications, American Society of Safety Engineers
4. (1997) Text Book Reviewer, "Career Guide to the Safety Profession", American Society of Safety Engineers
5. (1997 – 2000) Technical Reviewer, Safety, Health and Environmental Management Division, Environmental Protection Agency, Washington, D.C. Technology Transfer and Software Laboratory:

(Multimedia Products Reviewed)

2000	Executive Branch Personnel Public Financial Disclosure Report –Standard Form
1999	EPA Health and Safety Data Base Systems
1999	Environmental Due-Diligence Auditing
1999	EPA Basic Radiation Safety Training Course

1998 OSHA 600 Collateral Duty Safety and Health Course
1998 EPA Laboratory Operations Manual
1997 Laboratory Waste 2000) Safety, Health and Environmental Management Training for Laboratory
Employees Management-Pollution Prevention-Ergonomics Injury/Illness Coding System Guide
1997 Safety, Health & Environmental Training for Field Inspection Activities, 24 Hr Training Course

Grant/Contract Reviewer

1. (2004 – present) Grant Reviewer, Workplace Safety and Insurance Board, Research Advisory Council of the Ontario Workplace Safety and Insurance Board.