

## CURRICULUM VITAE

**Richard Dow Stewart**  
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### EDUCATION

| Degree                    | Year | Subject Area/Major Title  |                                  |
|---------------------------|------|---|----------------------------------|
| Ph.D.                     | 1997 | Urban and Environmental Sciences  |                                  |
| Department                |      | College/School  | Institution                      |
|                           |      | Lally School of Management  | Rensselaer Polytechnic Institute |
| Thesis/Dissertation Title |      | Achieving the Objectives of the International Safety Management Code: The Role of the Consultant and the External Auditor |                                  |

| Degree                    | Year | Subject Area/Major Title  |                                    |
|---------------------------|------|---|------------------------------------|
| M.S.                      | 1982 | Environmental Studies   |                                    |
| Department                |      | College/School  | Institution                        |
| Business                  |      |   | University of Wisconsin- Green Bay |
| Thesis/Dissertation Title |      | A Lake Michigan Hovercraft Ferry System: Environmental Analysis |                                    |

| Degree                | Year | Subject Area/Major Title |                                       |
|-----------------------|------|--------------------------|---------------------------------------|
| B.S.                  | 1973 | Marine Transportation    |                                       |
| Department            |      | College/School           | Institution                           |
| Marine Transportation |      |                          | United States Merchant Marine Academy |

### PROFESSIONAL CERTIFICATE

| Certificate                            | Year |
|--|------|
| Instructor Fresh Connection Simulation | 2018 |
| Institution/Organization               |      |
|  |      |

| Certificate   | Year                  |
|---|-----------------------|
| Merchant Marine License: Master of Steam or Motor Vessels of any Gross Tons upon Oceans | 2017 valid until 2022 |
| Institution/Organization  |                       |
| United States Coast Guard   |                       |

|  |                           |                       |
|--|---------------------------|-----------------------|
| Certificate  |                           | Year                  |
| Standards for the Training and Certification of Watchstanders, (STCW 95) Certified: Safety and Survival, First Aid, Advanced Marine Firefighting, CPR, Radar Endorsement |                           | 2017 valid until 2022 |
| Institution/Organization   | United States Coast Guard |                       |

|   |   |      |
|---|---|------|
| Certificate                               |   | Year |
| Certified in Transportation and Logistics |   | 2005 |
| Institution/Organization                  | American Society of Transportation and Logistics and APICS 2016 |      |

## EMPLOYMENT

| Position            | From | To      | Department/School                    | Institution  |
|---------------------|------|---------|--------------------------------------|--|
| Professor           | 2004 | Present | School of Business & Economics       | University of Wisconsin-Superior   |
| Chair               | 2011 | 2015    | Department of Business and Economics | University of Wisconsin-Superior   |
| Associate Professor | 1999 | 2003    | Department of Business & Economics   | University of Wisconsin-Superior   |
| Director            | 1999 | Present | School of Business & Economics       | Transportation and Logistics Research Center – UW-Superior                               |
| Co-Director         | 2005 | Present | School of Business and Economics     | Great Lakes Maritime Research Institute – UW-Superior and University of Minnesota-Duluth |

| Position                                 | From | To   | Department/School     | Institution                           |
|--|------|------|-----------------------|---------------------------------------|
| Professor                                | 1995 | 1999 | Marine Transportation | United States Merchant Marine Academy |
| Head Department of Marine Transportation | 1989 | 1996 | Marine Transportation | United States Merchant Marine Academy |
| Associate Professor                      | 1987 | 1994 | Marine Transportation | United States Merchant Marine Academy |

| Position          | From | To   |            | Institution                     |
|-------------------|------|------|------------|---------------------------------|
| Fleet Manager     | 1985 | 1987 | Operations | Falcon Carriers, Houston, Texas |
| Master of vessels | 1982 | 1985 | Operations | Falcon Carriers, Houston, Texas |

| Position        | From | To   | Department/School | Institution                     |
|-----------------|------|------|-------------------|---------------------------------|
| Mate of vessels | 1973 | 1981 | Operations        | IOP, Gulf Oil, Philadelphia, PA |
| Ordinary Seaman | 1967 | 1968 | Operations        | Sailors Union of the Pacific    |

## SCHOLARLY WORK

### A. Peer-Reviewed Journal Articles

1. Stewart, Richard, Natalie Burger, Erica Hansen, Gavin Johnson, (2017), “An Analysis of the Status of Undergraduate Transportation Management Education in the United States”, *Journal of the Transportation Research Forum, Volume 56, Number 1*, (B)
2. Stewart, Richard, Carol Wolosz, (2015), “Development of the Adoption of Liquefied Natural Gas as a Fuel for Shipping on the Great Lakes”, *Transportation Research Record No 2479: Journal of the Transportation Research Board*. (B)
3. Simkins, Zamira, Richard Stewart, (2015), “Factoring a real value of cargo in port investment and funding decisions”, *Journal of Maritime Economics and Management, Taylor and Francis*. (B)
4. Gabrys Alexson, Randy, Richard Stewart, (2012), “Team Teaching Urban Planning and Transportation Systems: Project-Based Pedagogy”, *Volume 2, Issue 1, Spaces and Flows: An International Journal of Urban and ExtraUrban Studies*. B
5. Stewart, Richard, (2011), “The Energy Inefficiency of Marine Transportation: A Case Study of Flawed Data and Analysis”, *Transportation Research Record No 2273, Journal of the Transportation Research Board, May 2011*. (B)
6. Stewart, Richard, Terry Lavoie, Nathan Shutes, (2003), “Parameters for a Roll On-Roll Off Marine Intermodal Service for Lake Superior”, *Transportation Research Record, No. 1820, Journal of the Transportation Research Board May 2003*. (B)
7. Stewart, Richard, David Harris, (1998), “US Surge Sealife Capabilities: A Question of Sufficiency”, *Parameters, Journal of the Army Command College, Department of the Army, March, 1998*. (B)
8. Helmick, Jon, Richard Stewart, Tom Wakeman, (1996) “Technology, Intermodal Transportation and Port Productivity: Throughput Maximization and Environmental Sustainability”, *Journal of Urban Technology, Vol. 3, No. 2*, (B)

### B. Additional Peer Reviewed Intellectual Work

#### a) Peer-Reviewed Academic/Professional Conference Proceeding

1. Stewart, Richard, Hiroko Tada Maggard, (2016) “Japan Liquefied Natural Gas (LNG) Intermodal Container Operations: Applicability to U.S. Operations”, *Proceedings of the Transportation Research Forum: 2016 Annual meeting, May 2016*.
2. Stewart, Richard, Natalie Burger, Erica Hansen, Gavin Johnson, (2016) “An Analysis of the Status of Undergraduate Transportation Management Education in the United States”, *Proceedings of the Transportation Research Forum 2016 Annual meeting, May 2016*.
3. Stewart, Richard, (2014), “Rail Served Intermodal Terminals in Rural Regions: Challenges and Opportunities”, Stewart, Proceedings of the CLTT Symposium Gulfport, MS, USA, February 26-27, 2014.
4. Mokashi, Amit, Richard Stewart, (2014), “Expanding the capabilities and use of Automatic Identification Systems (AIS)”, *Proceedings of the CLTT Symposium Gulfport, MS, USA, February 26-27, 2014*.
5. Stewart, Richard, Xiubin Wang, Adolph Ojard, (2007) “The Potential Impact of Prince Rupert on the Twin Cities and the Twin Ports”, *Proceedings of the Canadian Transportation Research Forum, June 2007*.

6. William, Christopher, Jason P. Bausano, Richard Stewart, Libby Ogard, (2006), “Wisconsin Case Study of Modal Shift of Short line Rail to Highways”, *Proceedings of the 2006 Mid-Continent Transportation Research Forum*, University of Wisconsin-Madison,
7. Lautula, Pasi, William Sproule, Libby Ogard, Richard Stewart, (2006) “Engaging Shippers and Carriers in Freight Advocacy – Communication Pays Off”, *Proceedings of the 2006 Mid-Continent Transportation Research Forum*, University of Wisconsin-Madison.
8. Stewart, Richard, Adolph Ojard, Xiubin Wang, (2006), “Prince Rupert to the Twin Cities: The Potential Value Added of a New Intermodal Service”, *Proceedings of the 6th International Conference of Transportation Professionals*, Dalian, China
9. Stewart, Richard, Marvin McCallum, Myriam Smith, George Sandberg, Douglas Hard. Robert Meurn, (1996), “Criterion-Based Assessment of Marine Simulator Operator Performance,” *Proceedings of the International Conference on Marine Simulation Towards Safer Seas & Cleaner Oceans*, February 23-27, 1996.
10. Stewart, Richard, Myriam Smith, George Sandberg, Douglas Hard. (1995), “Feasibility Assessment of an Interactive Rules of the Road Tester”, *Proceedings of the International Symposium in Human Factors on Board: The Influence of the Man-Machine Interface*.
11. Stewart, Richard, 1990, “*Development of Great Lakes Cruise Trade*,” Ship Operations, Management, and Economics Symposium, Proceedings” New York Chapter of the Society of Naval Architects and Marine Engineers, April 26, 1990 B

**a) Peer-Reviewed Academic/Professional Conference Abstract**

None

**b) Peer-Reviewed Academic/Professional Conference Presentation**

1. Clott, Chris, Richard Stewart, 2019, “*U.S. Federal Cabotage Laws: A Multimodal Cabotage Analysis*”, International Association of Maritime Economists Annual Meeting,
2. Coleman, Judson, Richard Stewart, 2016, “*Liquefied Natural Gas (LNG) Bunkering by Vessel in the Great Lakes: An Analysis of Regulatory and Operational Issues*”, (16-3814), Transportation Research Board Annual Meeting, Washington, DC.
3. Stewart, Richard, 2016, “*Sustainable Development: Where Rivers Meet Open Water: A Great Lakes Perspective*”, (16-1805), Transportation Research Board 95th Annual Meeting, Washington, DC,
4. Gholston, Sampson, MD Sarder, Richard Stewart, Amit Mokashi, Joan Chadde, 2015, “*Analyzing What Works Best for Transportation Education*”, Transportation Research Forum.
5. Stewart, Richard, 2015, “*Ports and LNG as Maritime Fuel*”, Transportation Research Board Annual Meeting, (15-6387), Washington, DC.
6. Stewart, Richard, 2015, “*Rail Served Intermodal Terminals in Rural Regions: Challenges and Opportunities*”, (15-4837), Transportation Research Board Annual Meeting AT050 Committee, Washington DC.
7. Simkins, Zamira, Richard Stewart, 2013, “*Measuring a Port’s Performance Using the Real Economic Value of Commodities*”, Transportation Research Board Annual Meeting, Washington, DC, January 2013.
8. Randy Gabrys Alexson, Randy, Richard D. Stewart, “*Team Teaching Urban Planning and Transportation Systems: Project-Based Pedagogy*”, Spaces and Flows: An International Conference on Urban and ExtraUrban Studies, Monash University Prato Center, Prato, Italy, November 17-18, 2011

9. Stewart, Richard, 2011, "*Regulations and Policies That Limit the Growth of the U.S. Great Lakes Cruising Market*", International Association of Marine Economists Annual Meeting, Santiago, Chile.
10. Lautala, Pasi, Hamid Pouryousef, Richard Stewart, Libby Ogard, Janne Vartiainen, 2011, "*Analyzing Log and Chip Truck Performances in the Upper Peninsula of Michigan by Using GPS Tools Combined with Daily Log Sheets*", Transportation Research Forum, Annual Meeting,
11. Stewart, Richard, 2011, "*The Energy Inefficiency of Marine Transportation: A Case Study of Flawed Data and Analysis*", (11-1545), Transportation Research Board Annual Meeting, Washington, DC.
12. Stewart, Richard, 2011, "Dedicated Funding for University Maritime Research: Issues and Opportunities", (11-1550), Transportation Research Board Annual Meeting, January 2011
13. Stewart, Richard, 2008, "*Marine Air Emissions*," AW000 Session 157, Transportation Research Board Annual Meeting, Washington DC.
14. Stewart, Richard, 2008, "*Marine Invasive Species*," Stewart, Richard, Transportation Research Board, Session 308, AS030, Annual Meeting, Washington DC.
15. Pagano, Anthony Christopher Williams, Jason P. Bausano, Richard Stewart, Libby Ogard, 2008, "*Measuring the Impact of Rail to Road Modal Shift: Results from Three Case Studies*," (08-1871), Transportation Research Board Annual Meeting, Washington DC, January 2008.
16. Stewart, Richard.; A, Pagano; L. Ogard; J. Bausano; and R.C. Williams, 2007, "*A Case Study of Modal Shift of Shortline Rail to Highways*", 11th World Conference on Transport Research, Berkeley, California, June 24-28, 2007.
17. Stewart, Richard. Xiubin Wang, Adolph Ojard, 2007, "*Prince Rupert to Twin Cities: Potential Value Added of New Intermodal Freight Service*," (07-2246) Transportation Research Board, 86th Annual Meeting, Washington DC.
18. Stewart, Richard Libby Ogard, Frank Harder, 2004, "*Intermodal Terminal Requirements for Small to Medium Size Communities: A Case Study Analysis*," (04-8103) Transportation Research Board, 83rd Annual Meeting, Washington DC.
19. Stewart, Richard; Terry La Voie, Nathan Shutes, 2003 "*Parameters for a Roll-On-Roll-Off Marine Intermodal Service on Lake Superior*," (03-3828) Transportation Research Board, 82nd Annual Meeting, Washington, DC.
20. Stewart, Richard, Connie Kimball; April Doornek; Brian Granholm; "*Evaluation of Potential Intermodal Rail Terminal Locations in the Twin Ports*", (03-4063) Transportation Research Board, 82nd Annual Meeting, Washington, DC.
21. Stewart, Richard, 2002, "*The Potential Impact of Pig Iron Production in Northeastern Minnesota on Great Lakes Shipping*", Great Lakes and Great Rivers Section of the Society of Naval Architects and Marine Engineers, Traverse City, MI, October 2002.
22. Stewart, Richard, 2000, "*Transportation and Logistics Education: A Holistic Approach*", 35th Annual Conference of the International Society of Logistics Engineers, New Orleans, LA, August 8, 2000.
23. Stewart, Richard, 1998, "*Utilizing Computer Simulation in Shiphandling Instruction*", Society of Marine Engineers and Naval Architects H-10 Ship Controllability Panel, New York, October 14, 1998.
24. Stewart, Richard, Craig Flinn, 1993, "*The Educational Process Developed at the United States Marine Academy for the Training of Cadets in the Application of Electronic Display Information Systems (ECDIS) in Vessel Operations*", ECDIS 93 Conference, March 8-9, 1993.

25. FL, Stewart, Richard, Lee Alexander, 1992, “*Evaluation of Remote Vessel Tracking and Control Preliminary Trials*,” RTCM Annual Assembly Meeting, Bal Harbor, FL, June 3, 1992.
26. Stewart, Richard, 1991, “*Educating the Deck Officer in the Year 2000*,” Society of Naval Architects and Marine Engineers Metropolitan Meeting, September 1991.

**c) Peer-Reviewed Scholarly Book and Book Chapter**

1. Stewart, Richard, “Do Institutional Mechanisms Exist to Set and Enforce Standards for the Great Lakes that Exceed the Ballast Water Performance and Exchange Standards Established by the International Maritime Organization?”, National Research Council of the National Academies of Science, Great Lakes Shipping, Trade and Aquatic Invasive Species, *Transportation Research Board Special Report 291*, 2007.

**C. Editorial-Reviewed Intellectual Work**

**a) Editorial-Reviewed Journal Article**

1. Stewart, Richard, 1997, “A Tale of Two Ports: A Study in Dredging Dispute Resolution,” Corporate Environmental Strategy, The Journal of Environmental Leadership, Summer 1997.
2. Stewart, Richard and David Harris, 1998, “US Surge Sealift Capabilities: A Question of Sufficiency”, Parameters, Journal of the Army Command College, Department of the Army, March, 1998

**b) Editorial-Reviewed Book and Book Chapter**

1. Stewart, Richard“, Port Management, Chapter 2”, The Business of Transportation, Volume 2, edited by Darren Prokop, Praeger, 2014.
2. Fruin, Jerry and Stewart, Richard ,“Navigation, Dredging and Protection: The Checkered History Of Channel Maintenance, Chapter 10”, Water Policy in Minnesota: Issues, Incentives and Actions, Edited by Ester, K. William and Perry, Jim, The RFF Press Water Policy Series, 2011
3. Stewart, Richard, “Chapter VII-Maritime Safety and Environmental Regulations”, The World Market and US Shipping Policies, Quorum Books, New York, April 1996.

**c) Edited Scholarly Book, Textbook, Practitioner Book, Professional Book**

1. David, Pierre, Richard Stewart, International Logistics, 3<sup>rd</sup> Edition, Pierre David and Richard Stewart, Cengage, 2011 – Textbook
2. David, Pierre, Richard Stewart, International Logistics, 2<sup>nd</sup> Edition, Cengage, 2007 – Textbook
3. Stewart, Richard, 2005, Guide to Warehouse Internships, Warehouse Education Research Council, Oak Brook, IL.

**d) Edited Articles in Professional Publications**

1. Coleman, Judson, Richard Stewart, 2016 “Liquefied Natural Gas Bunkering”, Great Lakes Seaway Review, Volume 44, Number 4, Harbor House, Boyne City, Michigan,
2. Stewart, Richard and Carol Wolosz, 2014, “An LNG Supply Chain”, Great Lakes Seaway Review, Volume 42, Number 4, Harbor House, Boyne City, Michigan
3. Stewart, Richard, “Savings from green lighting aboard ships”, Green Marine Magazine, pp. 44-45, April 2014

4. Stewart, Richard, 2009, "The Merchant Marine Act of 2010" Great Lakes Seaway Review, Volume 38, Number 2, Harbor House, Boyne City, Michigan,.
5. "Agents of Change". Great Lakes Seaway Review, Volume 37, Number 2, October-November 2008, Harbor House, Boyne City, Michigan
6. Stewart, Richard, 2000, "Fitting into the Transportation Stream of the Future", Great Lakes Seaway Review, October-December, , Harbor House, Boyne City, Michigan,
7. Stewart, Richard, "Merchant Marine Reserve in Peace and War", Naval Reserve Association, June 2001.
8. "Transportation and Value Added Mining Products", Skilling's Mining Review, May 2000,
9. "The Once Proud South American Barely Survives," Lake Superior Magazine, April/May 1990, Volume 12, issue 2, pp. 66-68.

#### **e) Edited Policy Documents**

1. Stewart, Richard, (2018) "Intermodal Freight Transportation in Minnesota: A White Paper" prepared for the University of Minnesota, Center for Transportation Studies
2. Stewart, Richard, "Prince Rupert to the Twin Cities: The Potential Value Added of a New Intermodal Service", 2007, prepared for the Duluth Port Authority.
3. Superior Port Land Use Plan Metropolitan Interstate Committee, 2002-2003
4. Duluth Port Land Use Plan, Metropolitan Interstate Committee, 2004-2006
5. "Maritime Education for the Prevention of Pollution," United States Congressional Committee on Science Space and Technology, presented in testimony, February 1992
6. Appointed by US Secretary of Transportation in 1993 to US Coast Guard (USCG) Advisory Committee, Merchant Marine Personnel Advisory Committee (MERPAC) 1995 appointed Chair of Committee, 1998. Cooperative development of the Standards for Training and Certification of Watchstanders (STCW-95) adopted by the USCG.
7. "Maritime Training for Reduced Manning," National Transportation Safety Board, Washington, DC, January 1992.

#### **D. Competitive Research Grant**

1. "Model Analysis of the Effect of Reduced Ice Coverage on Great Lakes Marine Transportation", Richard Stewart, (PI), Daniel Rust, PhD (Co-PI) Wisconsin Sea Grant award of \$116,021, 2020
2. Principal Investigator Wisconsin Space Grant Consortium 2019-2020 Special Initiatives Grant award \$5,000.00 grant: Air and Space Camp for High School Girls
3. Principal Investigator Wisconsin Space Grant Consortium 2017-2018 Special Initiatives Grant award. \$3,000.00 grant: Air and Space Camp for High School Girls.
4. Principal Investigator Wisconsin Space Grant Consortium 2016-2017 Higher Education Incentives Grant award. \$9,993.00 grant: "Developing a Model for Supply Chain Management Internships in the Aeronautics and Space Industry and Government,"
5. Principal Investigator Wisconsin Space Grant Consortium to develop and host 26th Annual 2016 Wisconsin Space Grant Annual Meeting at UW-Superior August 10-12. \$10,000
6. "Maritime Transportation System Recovery (MTSR) Plan Gap Analysis for the Twin Ports of Duluth, MN and Superior, WI", Prepared for the Duluth Seaway Port Authority and the State of Minnesota, Department of Public Safety, Homeland Security and Emergency Management (HSEM) PI-Richard D. Stewart, Carol J. Wolosz, Heidi Zierden, Great Lakes Maritime

- Research Institute, July 01, 2012. \$75,000 award, The report is a secure document and cannot be publically released.
7. Co-Principal Investigator for Co-operative Agreement between the U.S. Maritime Administration and the Great Lakes Maritime Research Institute to conduct research on maritime commerce on the Great Lakes. Awarded September 2011, up to \$2,000,000 each year over five years.
  8. Principal Investigator for federal grant “Improving Container Pooling in the Upper Midwest”, Center for Freight Infrastructure Research and Education (CFIRE) Awarded August 2011, \$75,000.
  9. Co-Principal Investigator for federal grant for the Great Lakes Maritime Research Institute to conduct research on maritime commerce on the Great Lakes. Awarded October 2010, \$450,000.
  10. Principal Investigator for federal grant “Improving Log Transportation with Data Based Monitoring and Analysis in Northern Wisconsin and Upper Peninsula of Michigan”, Center for Freight Infrastructure Research and Education (CFIRE), Awarded June 2010, \$70,000.
  11. Center for Freight Infrastructure Research and Education (CFIRE) National University Transportation Center National Center consortium member 2010-2016, \$750,000.
  12. Principal Investigator EPA Region 5 Clean Diesel Grant to Repower the M/V Edwin H. Gott, US EPA and Key Lakes I, Inc. July 2010, \$750,000.
  13. Principal Investigator on “Study of Greenhouse Gas Saving Associated with Congestion Reduction Using Multi Modal Optimization of Timber Shipments in the North Central United States”, US Department of Transportation, Awarded October 2008, \$250,000.
  14. Center for Freight Infrastructure Research and Education (CFIRE), National University Transportation Center National Center consortium member, 2008-2010, \$300,000.
  15. Co-Principal Investigator for federal grant to establish Great Lakes Maritime Research Institute and conduct research on maritime commerce on the Great Lakes. Awarded 2005, 2006, 2007, 2008 and 2009, \$5.25 Million.
  16. Principal Investigator for grant on Evaluation of Shipper Requirements and Rail Service for Northern Wisconsin and the Upper Peninsula of Michigan. US Department of Transportation, Wisconsin Department of Transportation, and CN Railroad, Awarded April 2005. \$250,000.
  17. Rail to Truck Modal Shift: Impact of Increased Freight Traffic on Pavement Maintenance Costs, Midwest Regional University Transportation Center, Wisconsin Department of Transportation. Awarded April 2005, \$87,000.
  18. Principal Investigator for grant establishing guidelines for warehouse interns, Warehouse Education Research Council, Awarded December 2002, \$25,000.
  19. Principal Investigator for grant on Potential Establishment of an Intermodal Service for the Twin Ports. Midwest Regional University Transportation Center; U.S., Wisconsin and Minnesota Departments of Transportation; Metropolitan Interstate Planning Committee; and Duluth Seaway Port Authority, Awarded November 2001, \$150,000.
  20. Principal Investigator: Pig Iron Supply Chain, Northshore Mining Corporation, Awarded, 2000, \$35,000.
  21. Researcher for US Department of Transportation Grant to develop teaching modules in Transportation, Distribution and Logistics, Awarded June 2000-January 2002. \$15,000.
  22. Project Manager for US Department of Labor Title III Grant to develop training program and train incumbent workers in Transportation and Logistics, Awarded 1999-2002, \$900,000.



23. Project Manager for research contract, "Computer Based Rules of the Road: Interactive Computer Testing," Phase I & II for US Coast Guard Research and Development Center, 1996, \$25,000.
24. Researcher and Field Tester, "Dependent Automatic Tracking System for Vessel Traffic Services," USCG Research and Development Center. Awarded \$25,000, 1995.
25. Co-Principal Investigator for National Science Foundation Grant for "Development of Teaching through Interactive Computer Systems," US Merchant Marine Academy, 1991 - 1993.

## **E. Other Intellectual Work**

### **a) Invited Keynote/Showcase**

1. Stewart, Richard, "Intermodal Freight Transportation in Minnesota: A White Paper", Minnesota Freight Advisory Committee Meeting June 15, 2018.
2. "Our Transportation and Logistics Cluster: The Region's Great Asset", Richard D. Stewart, Ph.D. CTL, Minnesota Department of Transportation District 1 Annual Meeting, May 4, 2017.
3. Stewart, Richard, "Our Transportation and Logistics Cluster: The Region's Great Asset", Regional Economic Indicator Forum, Duluth, MN, November 1, 2016.
4. "Climate Change Impacts on the Great Lakes Shipping Industry" 4th Annual Congress of the Canadian Marine Pilots Association, Niagara Falls, Ontario, September 11, 2014.
5. "Natural Gas: the fuel for the future?", Minneapolis and St. Paul Transportation Club EXPO, March 20, 2012.
6. "Great Lakes Cruising Past and Future", Association for Great Lakes Maritime History 2010 Annual Meeting, Superior, WI September 11, 2010.
7. "The US Merchant Marine In World War II", Merchant Marine Exhibit Opening Ceremony September 23, 2008, Richard I Bong Veterans Historical Center, Superior, WI
8. Stewart, Richard, "The Only Constant is Change: Transportation Changes In The Upper Midwest", University of Minnesota Center for Transportation Studies 11th Annual Freight and Logistics Conference, November 30, 2007.
9. "The Gathering Supply Chain Storm," Ship Operations Cooperative Program 9th Annual Meeting, Piney Point, MD, October 2004.
10. "Operating under the ISM Code in the Year 2010," American Institute of Marine Underwriters Seminar, NY, May 04, 1999.
11. "Electronic Chart Display and Information Systems: The Potential Impact on Marine Insurance," American Marine Insurance Forum, New York, May 19, 1994.

### **b) Invited Presentation**

1. "Truck Platooning and Truck Automation", Presentation for Discussion Duluth Superior Transportation Association, UW-Superior, March 21, 2018
2. "Partnership in Education Program (PEP)", Richard D. Stewart, Ph.D. CTL, Duluth Chamber of Commerce, Connecting with your near-future workforce Conference, February 28, 2018
3. Should We Have Truck Platooning In Wisconsin", Wisconsin Department of Transportation Freight Advisory Committee Meeting, Madison, WI, November 9, 2017.
4. Stewart, Richard, "Great Lakes Marine Transportation: Past, Present and Future", Richard D. Stewart, Ph.D. CTL, Lexington Group Annual Meeting, Duluth, MN, September 28, 2016

5. "Recruiting and Educating RR Professionals through Partnerships" American Association of Railroad Superintendents Annual Meeting, Wilmington, Delaware, July 17-21, 2015
6. "Educating our Future Transportation Workforce", Changing Tides: Workforce Needs in our Current Economy NWWIB's 13th Annual Business Conference, Ashland, WI, May 13, 2015.
7. "Transportation Modes and Their Effect on Your Supply Chain", MMAC World Trade Association's 51st Annual Wisconsin International Trade Conference Transportation Panel, Milwaukee, WI, May 06, 2015.
8. "LNG as a Transportation Fuel", Society for Mining, Metallurgy and Exploration Annual Meeting, Duluth, MN, April 15, 2015.
9. "Natural Gas: A Fuel for Transportation Systems" Inland Waterways Annual Conference, St. Louis, MO., March 5, 2015
10. A Sustainable Food Services Cluster in the Twin Ports, BMO Harris Bank Business Breakfast Series, Superior, WI, February 4, 2015
11. "The Development of a Liquefied Natural Gas (LNG) Supply Chain in the Great Lakes Region", 3<sup>rd</sup> Annual World Congress of Ocean, Dalian, Peoples Republic of China, October 18, 2014.
12. "Background on U.S. LNG Maritime Initiatives", Transport Planning and Research Institute, China Ministry of Transport, Beijing, PRC, October 14, 2014
13. Ogard, Libby, Richard Stewart, "Port Planning Benchmarking Study", Wisconsin Commercial Ports Association Annual Meeting , Green Bay, WI, August 21, 2014
14. "Serving Industrial Parks by Rail", American Planning Association Wisconsin Chapter Conference, Madison, WI, June 13, 2014.
15. "The Challenges of the LNG Supply Chain for Fueling Marine Transportation", Workshop on Natural Gas as a Fuel for Freight Transport, Transportation Research Board, Irvine, Ca, May 13-14, 2014
16. "Discussing the Challenges of the Natural Gas Supply Chain for Transportation Fuel", NAFTA NEXT: Energizing Trade Corridors, Chicago, IL, April 23, 2014.
17. "Where there is change there is opportunity", Module 2 - Operational Impact: Carving Growth from Challenges, HWY-H2O Conference, Toronto, Canada November 13, 2013
18. Stewart, Richard, Carol Wolosz, "Update on the Great Lakes Maritime Research Institute", SNAME Great Lakes and Rivers Section Fall Meeting, Chicago, IL, September 20, 2013
19. "Establishing LNG Fuel Terminals in a Port" Stewart, Richard, Maritime Economic Development Workshop, American Association of Port Authorities, Chicago, IL June 27, 2013.
20. "Evaluating Export Container Pooling Options in MN, WI, and MI's Upper Peninsula", Minnesota District Export Council, Access the Western Hemisphere Conference, Minneapolis, MN. April 24, 2013.
21. Stewart, Richard, Amit Mokashi, "Wisconsin and Minnesota State Dredge Permitting Processes", The National Center for Freight & Infrastructure and Research & Education (CFIRE) Beneficial Use of Dredge Materials Summit, Louisville, KY, March 15, 2013.
22. "GLMRI Study on LNG as a Maritime Fuel", The LNG Fuel Forum North America. Miami, FL. February, 28, 2013
23. "GLMRI Study on LNG as Maritime Fuel", 2013 Great Lakes Waterways Conference Cleveland, Ohio, February 13, 2013
24. "Natural Gas: An Intermodal Fuel", Center for Transportation Studies, 16<sup>th</sup> Annual Freight and Logistics Symposium, December 07, 2012

25. "Natural Gas: A Transportation Fuel for the Future", Wisconsin Freight Rail Day, Eau Claire, WI, October 26, 2012.
26. "The Non-Freight Economic Engines of River Transportation", Stewart, Richard 3rd Annual Yangtze-Mississippi Rivers Forum Wuhan, Peoples Republic of China, October 12, 2012.
27. "Analyzing Log and Chip Truck Performances in the Upper Peninsula of Michigan by Using GPS Tools Combined with Daily Log Sheets", Lautala, Pasi, Pouryousef, Hamad, Stewart, Richard, Ogard, Libby and Vartiainen, Janne, Forest Products Society 66th Annual Meeting, June 03, 2012.
28. "Reducing Emissions in the Marine Transportation Sector". Environmental Initiative Meeting, May 02, 2012. Duluth, MN.
29. "Natural Gas: the Marine Fuel for the Future?", Council of Supply Chain Management Professionals NE Wisconsin Roundtable, May 01, 2012
30. "The Future of Maritime Fuels – Greening the Fleet", Research Panel, Great Lakes Waterways Conference February 23, 2012, Cleveland, Ohio
31. "Transportation Support for Iron Mining in NW Wisconsin" Panel Discussion, IRRRB – Eveleth, MN September 6, 2011
32. "A Holistic Transportation and Logistics Education System", Ohio Conference on Freight, Toledo, Ohio, September 15, 2010.
33. "Outlook of Transportation & Logistics" American Association of Railroad Superintendents Annual Meeting, Duluth, MN, June 28, 2010
34. "The Energy Inefficiency of Marine Transportation: A Case Study of Flawed Data and Analysis", Joint International Meeting Lake Carriers Association and Canadian Shipowners, Niagara-on-the-Lake, Canada, June 20, 2010.
35. "Where Is Your Future: Educating Tomorrows' Managers", Transload Distribution Association Annual Meeting, San Antonio, TX, April 20, 2010.
36. "The Energy Inefficiency of Marine Transportation: A Case Study of Flawed Data and Analysis", Presented at: Society of Naval Architects and Marine Engineers Great Lakes and Great Rivers Section, Winter Meeting Cleveland, Ohio, February 12, 2010.
37. "The Changing Landscape of Logistics, Transportation and Supply Chain Education", Intermodal Association of North America 27th EXPO, Anaheim CA, November 16, 2009.
38. "Dedicated Funding for University Maritime Research: Issues and Opportunities", METTRANS Urban Freight Conference, Long Beach, Ca, October 21, 2009
39. Climate Change Impacts on the Great Lakes Shipping Industry", Lake Superior Binational Forum, Superior, WI, January 31, 2009
40. Update on the Great Lakes Maritime Research Institute Great Lakes Ports Joint Winter Meeting January 14, 2009 Toronto, Ontario
41. "Expanding Great Lakes Short Sea Service," Great Lakes and St. Lawrence Seaway Cities Initiative, Superior, WI December 05, 2008.
42. "The St. Lawrence Seaway In The Future," Minnesota Invasive Species Conference, Duluth, MN, October 27, 2008.
43. "Great Lakes Maritime Issues", Kymenlaakso University of Applied Sciences. September 09, 2008, Kotka, Finland
44. "Addressing Freight and Intermodal Transportation Solutions within Your Region – An Overview," National Rural Transportation Peer Learning Conference, Duluth, MN, August 18, 2008.
45. "Challenges in Establishing Intermodal Service," Green Bay Intermodal Conference, Green Bay, WI, May 19, 2008.

46. Eagle, Eldon, Richard Stewart, "The Potential Impact of Prince Rupert on the Twin Cities and the Twin Ports", Twin Cities Air Cargo Association, Minneapolis, MN, November 20, 2007.
47. "Great Lakes Maritime Commerce and Global Warming: Dredging Impacts," Making a Great Lake Superior Conference, Duluth, MN, October 29, 2007.
48. "Carbon Credit Trading and Great Lakes Maritime Commerce," Society of Naval Architects and Marine Engineers, Great Lakes and Great Rivers Sectional Meeting, Marinette, WI, September 21, 2007.
49. "Great Lakes Maritime Commerce and Global Warming: Operational Impacts," International Association of Great Lakes Researchers Annual Meeting, Penn State University, May 31, 2007.
50. "Presentation on Draft Paper #9", 2007, The National Academies of Sciences Committee on the St. Lawrence Seaway, Toronto May 07, 2007
51. "The Future of Great Lakes Vessels as Links in Dynamic Supply Chains," Society of Naval Architects and Marine Engineers, Great Lakes and Rivers Section Meeting, March 01, 2007 Cleveland, OH.
52. "Presentation on Draft Paper #9", 2007, The National Academies of Sciences Committee on the St. Lawrence Seaway, UC Irvine February 4-5, 2007
53. "Transportation Changes and their Potential Impact on Forest Products," Minnesota SAF Winter Conference, Ely, MN, January 31, 2007.
54. "Northern Wisconsin, Upper Peninsula, MI Rail Study", Richard Stewart, Xiubin Wang, Eldon Eagle, Wisconsin Economics Association, Stevens Point, WI, October 20, 2006.
55. "Great Lakes Maritime Research Institute" University Transportation Center Meeting, Madison, WI, October 13, 2006
56. "Great Lakes Maritime Research- Future Shipping Opportunities", Great Lakes Commission Annual Meeting, Duluth, MN, October 04, 2006.
57. "Great Lakes Maritime Commerce Research", Council of Great Lakes Research Managers Annual Meeting, Duluth, MN, October 03, 2006.
58. "Great Lakes Shipping Opportunities", Transportation Research Board Seaway Project, Toronto, ON, September 29, 2006.
59. "Planning Issues for Shipper Requirements and Rail Service for Northern Wisconsin and the Upper Peninsula of Michigan", 2006 Wisconsin DOT/MPO/RPC Planning Conference, Duluth, MN.
60. "Great Lakes Maritime Environmental Issues", Great Lakes Green Marine, St. Catherine's, ON, June 27, 2006.
61. "Great Lakes Maritime Research", Harbor Technical Advisory Committee,( HTAC) Meeting, Superior, WI, June 07, 2006
62. "What Great Lakes Maritime Environmental Course Should We Steer?" Maritime Day, Cleveland, OH, March 2006.
63. "Transportation Evolution in the Upper Midwest and Potential Impacts on Wood Product Movements", 5th Forest and Wildlife Research Review, Sustainable Forests Education Cooperative, Cloquet Forestry Center, January 11, 2006.
64. "Rail Service: Future Options for the Upper Midwest", Transportation Club of Minneapolis and St. Paul, January 10, 2006.
65. "Great Lakes Maritime Research Institute-Research Goals," Great Lakes Waterways Management Forum, Sarnia, ON, Canada, November 18, 2005.

66. "Research Projects: Pavement Impact of Rail to Truck Modal Shift, Growing Rail Freight: Tools for Shippers," Wisconsin Department of Transportation Annual Railroad Conference, Madison, WI, November 9, 2005.
67. "Great Lakes Short-Sea Shipping (GLSSS)", Wood Products, Highway H20 Session, St. Lawrence Seaway Development Corporation, Duluth, MN, September 08, 2005.
68. "Great Lakes Short-Sea Shipping (GLSSS)", Wisconsin Commercial Ports Association Annual Meeting, Washburn, WI, September 15, 2005.
69. "Research Projects: Pavement Impact of Rail to Truck Modal Shift, Growing Rail Freight: Tools for Shippers," Midwest Regional and Short line Railroad, Annual Conference, Grand Rapids, MN, July 19, 2005.
70. "The Gathering Supply Chain Storm," Transportation Research Board Summer Conference, Boston, MA, July 11, 2005.
71. "Supply Chain and Carrier Transitions," 3M Roofing Industry Conference, Bemidji, MN, April 30, 2005.
72. "Dedicated Funding for Maritime Research," White Paper for Journal of Commerce Domestic Maritime Conference, Hilton Head, SC, April 5, 2005.
73. "Motor Carrier Changes and Modal Shifts", 2004, University of Minnesota Center For Transportation Studies 8th Annual Freight and Logistics Conference December 03, 2004
74. "Northwest Wisconsin Rural Transportation Issues", WisDOT meeting with Secretary Frank Busalacchi and staff ,Wisconsin Department of Transportation, November 22, 2004
75. "The Gathering Supply Chain Storm," Ship Operations Cooperative Program 9th Annual Meeting, Piney Point, MD, October 2004.
76. "Bi-State Community Support in Transportation and Logistics", 2004 Wisconsin Economic Development Association Fall Conference, Superior, Wisconsin, September 23, 2004
77. "Rural Transportation Freight Issues", James L. Oberstar Forum on Transportation Policy and Technology, March 14-16, 2004.
78. "Great Lakes Short Sea Shipping," Ship Operations Cooperative Program, 8th Annual Meeting, Piney Point, MD, October 2003.
79. Stewart, Richard, 2003, "Case Studies of Emerging Rail Markets" Midwest Regional and Shortline Railroad Annual Conference, Emerging and Changing Rail Markets Panel, Grand Rapids, MN, ,July 21, 2003
80. "A Holistic Transportation and Logistics Education System", 9th Annual Governor's Workforce Development Conference, Wisconsin Dells May 17, 2002
81. Presentation to University of Manitoba and Chair of Panel on "Containerization of Grain" with CN and Maersk Shipping Line, November 2003.
82. "Regional Transportation Requirements and Impacts", 1000 Friends of Minnesota Conference, Duluth Minnesota November 13, 2002
83. "Creating a New Wisconsin Model for Transportation Research," Wisconsin Economic Summit II, Milwaukee, WI, November 2001.
84. "Regional Transportation Issues and Options," Duluth Economic Summit, Duluth, MN November 2001.
85. "A Holistic Transportation and Logistics Education System", Governor's Work-Based Learning Board, Madison, Wisconsin January 8, 2001
86. "The Rationale for the Mariner as a Professional", Council of American Master Mariners Professional Development Seminar, Connecticut, May 03, 1999.
87. "Maritime Education: Expectations and Realities," Third Women Underway Symposium, USMMA, Kings Point, November 1994.

88. "Electronic Chart Display and Information Systems: The Potential Impact on Marine Insurance," American Marine Insurance Forum, New York, May 19, 1994.
89. "Environmental Education and Training in Transportation: A Growth Industry," Globe 94 Environmental Conference, Vancouver, Canada, March 24, 1994.
90. "Trends in Marine Transportation," LOG-92 Senior Transportation Executive Development Seminar, Air Force Institute of Technology, Dayton, OH, August 1992.
91. "Maritime Training for Reduced Manning," National Transportation Safety Board, Washington, DC, January 1992.
92. "The US Merchant Marine in the Gulf War and After," Senior Transportation Executive Development Seminar, Air Force Institute of Technology, Dayton, OH, July 1991.

**c) Professional Grant Reports**

1. Stewart, Richard (2018) "Guide to Supply Chain Management Internships in the Aeronautical and Aerospace Industry", Prepared for the Wisconsin Space Grant Consortium and NASA,
2. "Inland Waterways Liquefied Natural Gas (LNG) Infrastructure Study and Development of the LNG Supply Chain (Phase III)", CO-PI: Richard D. Stewart, Carol J. Wolosz with researchers LCDR Judson Coleman, USCG, Cassandra Roemhildt, Hiroko Tada, U.S. Department of Transportation, Maritime Administration, Cooperative Agreement # DTMA1H11002 Final Report", May 20, 2016.
3. "Wisconsin Ports Strategic Planning a Structural Analysis of Best Practices in North America", PI- Richard Stewart, Libby Ogard, Cassandra Roemhildt, prepared for the Wisconsin Commercial Ports Association, 2014.
4. "MARAD/Great Lake LNG/Repowering Study: Phase II Cooperative Agreement # DTMA1H11002 Final Report", PI- Richard Stewart, April, 2014.
5. "Evaluating Export Container Pooling in MN, WI and MI's Upper Peninsula", Co-PI Stewart, Richard, Pasi Lautala, Libby Ogard, National Center for Freight & Infrastructure Research & Education, Madison, WI, May 2013.
6. "MARAD/Great Lake LNG/Repowering Study: Phase I Cooperative Agreement # DTMA1H11002 Final Report", December 15, 2012, Richard Stewart, PI
7. "Multimodal Freight Transportation Within the Great Lakes--Saint Lawrence Basin, NCFRP -17", CPCS Transcom Limited, University of Toledo, Economic Development Research Group, Prime Focus, Sustainable Ports, Richard Stewart, Transportation Research Board, Washington DC, March, 2012.
8. Michigan Economic Development Corporation Forestry Biofuels Statewide Collaboration Center, Task B1 Evaluation of Michigan Biomass Transportation Systems. Lautala, Pasi, Richard Stewart, Robert Handler, Hamed Pouryousef, Forestry Biofuels Statewide Collaboration Center, Michigan Technological University March 2012
9. "Improving Log Transportation with Data Based Monitoring and Analysis in Northern Wisconsin and Upper Peninsula of Michigan", Co- PI -Stewart, Richard, Pasi Lautala, Libby Ogard, National Center for Freight & Infrastructure Research & Education (CFIRE), Madison, WI, February 2012
10. "The Study of Greenhouse Gas Saving Associated with Congestion Reduction Using Multi Modal Optimization of Timber Shipments in the North Central United States", Prepared for US Department of Transportation, PI- Richard D. Stewart, Pasi Lautala, Libby Ogard, Mei Cao, Kurt Paterson, Gregory Graman, Justin Hicks, June 01, 2010.
11. "The Economics and Logistics of Transporting Taconite Mining and Processing Byproducts (Aggregate): Minnesota and Beyond", Zanko, Lawrence, Elizabeth Ogard, Richard Stewart,

- Final Report to the Minerals Coordinating Committee, Technical Report NRRI/TR-2008/19 Natural Resources Research Institute, Duluth MN, October 2008.
12. “Rail to Truck Modal Shift: Impact of Increased Freight Traffic on Pavement Maintenance Costs”, Co-PI Richard D. Stewart, Libby Ogard, Anthony Pagano, Christopher Williams, Jason P. Bausano, Project 06-03, Midwest Regional University Transportation Center, Madison, WI, , January 2008.
  13. “Evaluation of Shipper Requirements and Rail Service for Northern Wisconsin and the Upper Peninsula of Michigan”, PI- Richard Stewart, William Sproule, William Bajjali, Xiubin Wang, Pasi Lautala, Libby Ogard, US Department of Transportation Grant Report, August 2006.
  14. “Wisconsin Case Study of Modal Shift of Short line Rail to Highways”, Christopher Williams, Jason P. Bausano, Richard Stewart, Libby Ogard, University of Wisconsin-Madison, August 2006.
  15. “Twin Ports Intermodal Freight Terminal Study”, Research Report, PI- Richard Stewart, Robert Eger III, Libby Ogard, Frank Harder, Midwest Regional Transportation Research Center, National Transportation Library Catalog Number DFDA 20.701, Washington, DC, July 2003.
  16. “Teaching Modules For Transit Systems”, Grant Report, Stewart, Richard The Transportation and Distribution Logistics Initiative, Illinois Department of Education, Springfield IL, May 2002
  17. “Interactive Rules of the Road Testing: Phase 1”, prepared for US Coast Guard Research and Development Center, Groton, Connecticut, Stewart, Richard, George Sandberg, Douglas Hard, Robert Meurn, National Technical Information Service, December 1995,

**d) Case Studies**

1. “NLX High Speed Rail Terminal”, GEOG/TRSP- 402 -Urban Planning and Transportation Systems, Student Case Study and Research, Randy Gabrys Alexson, Ph.D. & Richard D. Stewart, Ph.D., CTL, 2009
2. “UW-Superior and Central Development Bus Stops: Preliminary Analysis”, GEOG/TRSP- 402 -Urban Planning and Transportation Systems, Student Case Study and Research, Randy Gabrys Alexson, Ph.D. & Richard D. Stewart, Ph.D., CTL, 2011
3. “Twin Port Bike Passenger Ferry” , GEOG/TRSP- 402 -Urban Planning and Transportation Systems, Student Case Study and Research, Randy Gabrys Alexson, Ph.D. & Richard D. Stewart, Ph.D., CTL, 2013
4. “Duluth International Airport Children’s Center” GEOG/TRSP-402 Urban Planning and Transportation Systems, Case Study and Research, Randy Gabrys Alexson, Ph.D. & Richard D. Stewart, Ph.D., CTL, 2015

**e) Reports from Consulting, Projects**

1. Wisconsin Freight Advisory Committee’s Intermodal Sub-Committee’s final Report, “Overview of Intermodal Freight in Wisconsin”, March 2019.
2. Gladstein, Neandross & Associates, Contributed to “LNG Opportunities for Marine and Rail in the Great Lakes, Gulf of Mexico, and Inland Waterways”, October 2014,
3. Stewart, Richard, 2011, “Bayfield County Unofficial Park and Ride Lots Inventory and User Survey”, prepared at the request of the Wisconsin Department of Transportation,
4. Stewart, Richard, 2011, “Marine Transportation Option”, prepared for the Michigan Economic Development Corporation Forestry Biofuels Statewide Collaboration Center.

5. Expert Witness Houston, 1998; Galveston, Texas, 1999, *Motts v. M/V GREEN WAVE*, 50 F. Supp. 2d 634 (S.D. Tex. 1999)U.S. District Court for the Southern District of Texas - 50 F. Supp. 2d 634 (S.D. Tex. 1999)May 24, 1999
6. Seattle 2000; Galveston 2001; Houston, 2002, 2006, 2008 Expert Testimony and Reports part of court records.
7. Stewart, Richard, 2008, "Short Sea Shipping Issues" Prepared for the Great Lakes and St. Lawrence Cities Initiative,
8. Developed and taught Marine Pollution, Tanker Operations, and Intermodal Freight Transportation Classes for U.S. Merchant Marine Academy Department of Continuing Education, 1989 – 2003
9. "Around Lake Superior Cruise Study" Prepared by the University of Wisconsin-Superior Transportation and Logistics Research Center for the Duluth/Superior Cruise Committee, 2002.
10. Stewart, Richard, Neil Hensrud, Robert Beam and Shaun Lynch "Supply Chain Feasibility Study for Pig Iron: Prepared for Northshore Mining, Inc.," 2001.
11. Developed and taught courses for diploma program in Shipping and Port Operations, University of Delaware and Singapore Port Institute, 1990 – 1997, Joint program with Hong Kong and University of Delaware, 1999
12. Developed and taught diploma course in Marine Operations and Administration, U.S. Maine Maritime Academy, Singapore Port Institute, 1993
13. Texaco Marine Services, Lamar University Ship Officers Business Management Training, 1989 – 1990

**f) Professional Articles/Interviews in Media**

1. Interviewed on Robin Washington's "Simply Superior" radio program on KUWS 2017-2020
2. Pung, Janenne Irene, "Learning, knowledge, solutions: Dr. Richard Stewart: A pursuit of excellence, contribution and relevance", *Great Lakes Seaway Review*, Vol.43 No.4 April-June 2015
3. Santos, Fernanda, "As Great Lakes shrink, cargo carriers worry" *New York Times*, October 23, 2007.
4. Stewart, Richard, George Sandberg, "Curbing Marine Pollution through Education", the *Journal of Commerce*, September 30, 1993, p. 7. .
5. "The Cadet Officer Relationship aboard Merchant Vessels," fall 1993 edition of *Sidelights*, Vol. 22, No. 3.

**g) Technologies for Utilization**

None

**SERVICES**

**A. Service to University**

1. Provost Leadership Team September 2018 to present, UW-Superior
2. Co-Chair Elevating Internships Working Group 2020. UW-Superior
3. Faculty Senate – School of Business and Economics Representative 2017- 2018 ,UW-Superior
4. Faculty Senate Executive Committee 2018, UW-Superior
5. UW-Superior Foundation Campaign Steering Committee, – UW-Superior
6. International Studies Committee, UW-Superior
7. Represent UW-Superior with the *Superior Research Institute* project 2009-2011
8. Affirmative Action and Equal Opportunity Committee, UW-Superior



9. Chair: NCA Working Group on Foreign Languages, UW-Superior
10. Library Committee, UW-Superior
11. Credit and Student Reinstatement Committee, UW-Superior
12. Advising Working Group for Provost, UW-Superior
13. Continuing Education Committee, UW-Superior
14. Department of Language and Literature Spanish Search and Screen Committee, UW-Superior
15. Athletic Committee UW-Superior
16. Lake Superior Marine Museum Archive Advisory Committee, UW-Superior
17. Master Thesis Committee Member, University of Delaware Graduate School
18. Master Thesis Committee Member, Michigan Technological University
19. Doctorate Thesis Committee Member, University of New England Graduate School
20. Doctorate Thesis Committee Member, University of Manitoba, Winnipeg.
21. Doctorate Thesis Committee Member, University of Toledo

## **B. Service to SBE**

1. Co-chair 2010
2. Chair 2011-2015
3. Personnel Committee- UWS School of Business and Economics (SBE) 2003- present
4. SBE Awards Committee
5. SBE Curriculum Committee
6. Faculty mentor
7. SBE Search and Screen Committees (served on nine, Chair of five)
8. Participate in SOAR and other UW-Superior recruiting programs
9. Participate in SBE Awards Banquet, social events and commencement
10. Establish scholarships, gifts and endowments for the TLM major and SCM concentration

## **C. Service to Professional Society**

### **a) Member of Review Panels for National/International Research Organizations**

1. U.S. Environmental Protection Agency – Advisory Board on Great Lakes Restoration 2013-2018
2. Member, Board of Directors, Great Lakes Observing System, 2006 - 2008
1. Paper Reviewer, Transportation Research Board Committee, on Ports and Channels, AW010, 2005-2014
2. Paper Reviewer, Transportation Research Board ,Marine Environmental Committee, AW030, 2006-2015
3. Paper Reviewer, Member Transportation Research Board Committee: Logistics of Disaster Response and Business Continuity, ABR20 AT065T. 2014-Present
4. Grant and Scholarship reviewer for Wisconsin Space Grant Consortium
5. Contributor to the Institute for Supply Chain Management (ISM) Glossary, 4<sup>th</sup> Edition, 2006
6. Navigation Panel for “US Electronic Chart Display and Information Systems Test Bed Project,” Woods Hole Oceanographic Institute, 1991 - 1993.

### **b) Member of Editorial Board**

1. Editorial Review Board Transportation Journal 2006- present

### **c) Editorial Contributions**

1. “The Business of Shipping, Reviewed”, Book Review for the Transportation Journal, Winter 2000

2. Edited book

**d) Contributions to Discipline/Professional Organizations**

1. International Shipmasters Association Lodge 12, Planning Committee
2. Council of Supply Chain Management, Education Committee Member
3. Warehouse Education Research Council, Educator Member
4. American Society of Transportation and Logistics, CTL & Examiner, 2005-2016
5. Duluth-Superior Transportation Association – President 2011-2012
6. Council of American Master Mariners, past National Vice President
7. Institute of Supply Management, Educator member
8. Society of Naval Architects and Marine Engineers, Active member on committees 1972-2020
9. Member, Transportation Research Board Committee, on Ports and Channels, AW010, 2005-2014
10. Member, Transportation Research Board ,Marine Environmental Committee, AW030, 2006-2015
11. Member Transportation Research Board Committee: Logistics of Disaster Response and Business Continuity, ABR20 AT065T. 2014-Present
12. Member, Board of Directors, Great Lakes Observing System, 2006 - 2008
13. Member, Green Marine Advisory Committee, 2006- Present

**D. Service to Community**

1. Member, Board of Directors, Lake Superior Railroad Museum, 2009-present
2. Member City of Superior Active Transportation Planning Advisory Committee 2018-2020
3. Member Board of Directors, Monaco Air Foundation, Inc., 2018 to present.
4. Member Freight Advisory Committee for the Wisconsin Department of Transportation 2015-present
5. Member, Advisory Panel to the Council of Great Lakes Governors’’ Marine Task Force 2014 - present
6. Member, Duluth Airport Board of Directors 2014-2020
7. Appointed by US Secretary of Transportation in 1993 to US Coast Guard Merchant Marine Personnel Advisory Committee (MERPAC) 1995-1998 Chair of Committee,
8. Member, Board of Directors, Northern Pines Girl Scout Council, 2006- 2007
9. Member, Board of Directors, Lake Superior Marine Museum, 2000-2006
10. Citizens Advisory Committee Member, St. Louis River Watershed, Minnesota, 1996 – 1997
11. Superior Port Land Use Plan Metropolitan Interstate Committee, 2002-2003
12. Duluth Port Land Use Plan, Metropolitan Interstate Committee, 2004-2006
13. Boy Scout Troop Master Troop 98 and Leader Troop 9, 1999-2009
14. United States Naval Reserve, 1973 – 2003 Honorably Discharged with the rank of Captain, USNR - Specialist, Merchant Marine/Naval Interface, Transportation of Hazardous Cargo, Port Operations, Convoy operations and underway replenishment at sea, sealift.
15. Merchant Marine Vietnam War Zone Service Medal – 1968, 1970, 1971

**HONORS and AWARDS**

| Honor/Award                  | Year | Institution/Organization                        |
|------------------------------|------|---|
| 1. Teaching Excellence Award | 2020 | University of Wisconsin-System Board of Regents |

|  |      |   |
|--|------|---|
| 2. Community Service Award   | 2020 | UW-Superior   |
| 3. Students' Choice Outstanding On-Campus Teaching Award                               | 2019 | UW-Superior   |
| 4. Awarded Sabbatical  | 2017 | UW-Superior   |
| 5. James Rainaldo Mentor Award   | 2014 | UW-Superior Alumni Association                          |
| 6. Spirit of Superior Award  | 2014 | UW-Superior   |
| 7. Excellence in Service Award   | 2013 | UW-Superior Veteran and Non-Traditional Student Center: |
| 8. Outstanding Academic Advisor Award  | 2009 | UW-Superior   |
| 9. Award in Recognition of Excellence  | 2009 | UW-Superior Center for Academic Service - Learning      |
| 10. Max Lavine Professional Paper Award  | 2008 | UW-Superior   |
| 11. Excellence in Scholarship Award  | 2008 | UW-Superior   |
| 12. Distinguished Service Award  | 2006 | UW-Superior   |
| 13. Wisconsin IDEA Fellow Award  | 2005 | UW-System   |
| 14. Wisconsin State Teaching Scholar Award   | 2003 | UW-System   |
| 15. Max Lavine Professional Paper Award,   | 2003 | UW-Superior   |
| 16. Best Professional Paper Award  | 1999 | Council of American Master Mariners,                    |
| 17. Certificate of Merit for Notable Services  | 1998 | U.S. Coast Guard  |
| 18. Certificate of Appreciation Award for four years of Officer/Advisor Contributions, | 1994 | Eastern College Athletic Conference (ECAC)              |
| 19. Special Act Award  | 1994 | U.S. Maritime Administration                            |
| 20. Outstanding Professional Achievement Award,  | 1993 | US Merchant Marine Academy Alumni Foundation            |
| 21. Burlington Northern IANA Fellowship Award for Transportation Professors,           | 1992 | Intermodal Association of North America                 |
| 22. Special Act Award  | 1990 | U.S. Maritime Administration                            |