



ANNUAL REPORT, 2015-16

Center for International Trade and Transportation (CITT)

College of Continuing and Professional Education (CCPE)
6300 E. State University Drive, Suite 255
Long Beach, CA 90815
www.ccpe.csulb.edu/CITT



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CITT ANNUAL REPORT

I. Areas of Expertise and Summary of Major CITT Activities from July 1, 2015 – June 30, 2016

This annual report for the Center for International Trade and Transportation (CITT) highlights the Center's accomplishments for the period of July 1, 2015 through June 30, 2016.

As an educational entity with institutional and structural links to the logistics industry, CITT is uniquely positioned to:

- *Provide an ongoing and neutral forum where all parties in the logistics industry and its community stakeholders can come together to (a) present alternative solutions to complex trade problems and seek opportunities to build consensus around those solutions; (b) share expertise and resources; and*
- *Be a catalyst for sustainable growth and global competitiveness through innovative education, outreach and research, programs.*

*CITT realizes its purpose through these key **goals**:*

- **Education and Training:** *Contribute to the development of a well- informed cadre of industry professionals, and governmental and community leaders through certificate and degree programs and customized training;*
- **Outreach:** *Disseminate globally significant research findings and information through reports and articles, town hall meetings, conferences and workshops; and*
- **Research:** *Conduct unbiased applied research that contributes to the knowledge base of goods movement, leading to informed analysis of its operations and impacts.*

CITT is also partnered with University of Southern California for:

- *METRANS, a University Transportation Center (UTC)*
- *METROFREIGHT, a center of excellence freight funded by the Volvo Research and Education Foundations; and*
- *Southwest Transportation Workforce Center, funded by USDOT's Federal Highway Administration*

a. Education and Training

CITT has a 20-year record of success in logistics and supply chain management (SCM) education, training, and professional development that include the following:

- **Master of Science in Supply Chain Management**

- The Master of Science and Supply Chain Management program (MSSCM) at Cal State Long Beach provides comprehensive training in modern supply chain management practices, analysis methods, technology applications, strategy development, and other relevant skills that advance student career prospects and prepares them for lifelong learning in a global supply chain environment
 - **Global Logistics Specialist (GLS) Certificate Program**
 - An industry designated program with almost 1,000 alumni serving every sector of the goods movement industry in Southern California and globally. Our partnerships with local Workforce Investment Boards ensures that this program reaches our veterans and displaced workers, connecting them to career opportunities in an exciting and vibrant industry needing a diverse set of skills.
 - **Marine Terminal Operations Professional (MTOP)**
 - MTOP program covers all aspects of terminal operations and increases career opportunities for individuals who are seeking entry or advancement in terminal operation occupations.
- b. Education and Training Highlights**
- **2016 Port of Long Beach (POLB) Academy Externship for Long Beach Unified School District (LBUSD) teachers**
 - The Port of Long Beach (POLB) hosted educators and administrators from Cabrillo High School on June 20 through June 24 for the **2016 POLB Academy Externship** teacher-training program. Developed in partnerships with Long Beach Unified School District and CSULB's CITT to prepare educators for the September soft launch of the Port of Long Beach Academy of Global Logistics at Cabrillo High School. This new small learning community at LBUSD is designed to prepare students for academic and professional opportunities in global trade and logistics. The five-day teacher-training program where educators learned about the port and port-related operations consisted of lectures, site visits, and interactions with industry mentors.
 - **College and Career Exploration Workshops for area high school students**
 - The Port of Long Beach contracted with CITT to develop six unique workshops for the Port's "**College and Career Exploration**" event, a night created for area high school students as part of Long Beach Unified School District's Annual College Night. Students received an all-inclusive look at what the Ports have to offer through workshops and presentations focused on such topic as

apprenticeships, internships, and on the job training, women in trade and transportation, and how technology and sustainability are shaping new careers.

- Students enrolled in various programs offered by CITT were awarded scholarships totaling \$36,700 for the 2015-2016 academic year from numerous industry organizations, associations, individuals, and endowments.
- Enrollment and Completion
 - Fall 2015 – 14 students were awarded the GLS Professional Designation
 - Spring 2016 – 19 students were awarded the GLS Professional Designation
 - 2015 GLS Online Program – 6 students were awarded the GLS certificate
 - 2015 MTOP Program – 6 students were awarded the MTOP certificate

c. Research

CITT is leading or playing a key research role in the following four research centers:

- **METRANS University Transportation Center**

This is a center partnership between California State University, Long Beach and the University of Southern California

 - Established in 1988 as a United States Department of Transportation University Transportation Center with a mission to undertake research, education, and outreach in the area of metropolitan-wide transportation
 - CITT Executive Director and METRANS Associate Director Thomas O'Brien published the results of ongoing research relating to workforce development and the local goods movement industry. Funded by USDOT and Caltrans, O'Brien, along with three student researchers, investigated the effects that California Senate Bill 375 has had on the workforce needs of various Metropolitan Planning Organizations (MPOs) within the state. The results of this research, entitled "Changing Workforce Development Needs for Regional Transit and Transportation Agencies in California," identified a need for workers demonstrating competencies in leadership, supervisory, and technology related skills. The study helped to provide awareness on how policy changes can impact the operational strategies of regional agencies as the mandates of the Senate Bill require MPOs to alter their

operations in order to meet greenhouse gas emission targets outlined by the state. The study found a need by the MPOs for workers with management and systems modeling skills in order to implement changes which would comply with the requirements of SB 375. In addition to this study, O'Brien also looked into the performance of supply strategies in and around the ports of Los Angeles and Long Beach. The study, entitled "Mitigating Urban Freight Through Effective Management of Truck Chassis," specifically looks at the use of pooled truck chassis in the operations of these port facilities. The study determined that the strategy of using pooled chassis, or those owned by independent providers, was more efficient than the traditional method of shippers employing their own chassis supplies. Truck movement in and out of port facilities was markedly improved through the use of pooled chassis but additional research into its long-term effectiveness in improving movement between port facilities was noted as necessary.

- **METROFREIGHT (MF Volvo Foundation Center of Excellence (COE) Urban Freight**
- The METROFREIGHT COE partnership consist of research teams in Southern California, New York, Paris, and Seoul
 - University of Southern California
 - California State University, Long Beach
 - City University of New York
 - Korean Transportation Institute
 - The French Institute of Science and Technology for Transport, Development and Networks
- CITT's Executive Director, Thomas O'Brien serves as the METROFREIGHT Director of Education.

- **National Center for Sustainable Transportation (NCST)**
- NCST is a United States Department of Transportation funded national university transportation center led by University of California Davis with participating research institutions:
 - University of Southern California
 - California State University, Long Beach
 - University of California Riverside
 - University of Vermont
 - Georgia Tech

- The USC/CSULB partnership coordinates research and training for NCST in the area of sustainable freight systems

- 2015-2016 CITT Highlights performed under the NCST grant include:
 - California Gov. Jerry Brown’s executive order (issued on July 2015) called for “an integrated plan by July 2016 that establishes clear targets to improve freight efficiency, transition to zero-emission technologies, and increase competitiveness of California’s Freight system.” The executive order also requested for public and private entities to assist in the creation of the plan. In response to this request, throughout 2015 and 2016, CITT researchers worked in partnership with the NCST and Caltrans to inform the goals in the governor’s executive order. CITT researchers published two whitepapers that have been included in Appendix F, titled “Freight Efficiency Working Group Papers,” of the Sustainable Freight Action Plan. The first paper, titled “Planning and Policy,” explores the organizational structure of transportation agencies and analyzes how better structure can improve freight and supply chain planning. The second paper, titled “Operational Modernization at Distribution Nodes,” looks at obstacles to modernization at trade nodes, and offers recommendations to help increase freight efficiency while improving safety and air quality standards.

- **Southwest Transportation Workforce Center (SWTWC)**
- SWTWC seeks to connect and empower the 21st century transportation workforce through research, education, and industry engagement.

- SWTWC is housed at CITT with research partners including University of Southern California, Texas A&M University Transportation Institute (TTI), ICF International, and the National Occupational Competency Testing Institute (NOCTI).

- CITT’s Executive Director, Thomas O’Brien, serves as the SWTWC Director

- CITT’s Director of Research, Tyler Reeb, serves as Associate Director of SWTWC

- **2015-2016 SWTWC Highlights**
 - As part of their stakeholder engagement activities, SWTWC hosted a Full Steering Committee Quarterly meeting for the purpose of informing all committee members of all Center activities including those pertaining to Action Subcommittees (STEM, Supply Chain and Logistics, Career and Technical

Education). The meeting also included discussion about all deliverables and milestones met by the center in the previous months as well as progress made in the development of partnerships. To further discuss the overall goals of the center, SWTWC Associate Director Tyler Reeb was featured in a podcast produced by the CSULB Center for International Trade and Transportation entitled "ContainerCast." While on the podcast, Reeb focused on the center's efforts in preparing the next generation of transportation workers.

d. Outreach

CITT is continuously implementing effective outreach programs that include the following:

- CITT's State of the Trade and Transportation Industry Town Hall is one of the highest profile events in the goods movement industry in the Los Angeles region.
- CITT works year-round to connect with the university, the industry, and the community through newsletters, podcast series, regular columns in the Long Beach Business Journal, and the CSULB manifest; which is the one-stop web-based location for information on industry and employment opportunities.

e. Outreach Highlights

- CITT received grants, contracts, and donations for its education research and outreach activities totaling \$36,700.
- CITT continues to manage five endowments established in the College of Continuing and Professional Education for students in CITT-related credit and non-credit programs:
 - Harbor Association for Industry & Commerce Endowment
 - Marianne Venieris Endowment Scholarship Fund
 - Richard Hollingsworth Fund
 - Los Angeles Transportation Club
 - Foreign Trade Association
- **METRANS International Urban Freight (I-NUF) Conference**
 - The 2015 International Urban Freight Conference was centered on themes of moving beyond the approaches of the 20th century in order to meet the freight challenges of the future. The event, featured policymakers, scholars, and industry leaders from over 18 countries, and emphasized sustainability and efficiency as a means of advancing urban freight operations in the 21st century. The usage of Intelligent Transportation Systems (ITS) was highlighted as a way of

improving sustainability and efficiency in regions seeing an increase in the number of people and goods traveling through them. A focus on revamping approaches to supply chains was also present at the conference. Optimization of future supply chain networks was said to require access to accurate data in addition to the adaption of “push” and “free flow” systems of container delivery at port facilities. The notion of the sharing economy was also discussed in the context of meeting future challenges related to urban freight as emerging technologies have allowed for goods movement to be facilitated by connecting shippers to qualified carriers. The conference took place on from October 21-23, 2015 in Long Beach, California.

- **SWTWC Workforce Summit Addresses Critical Advanced Transportation Issues**

- The Southwest Transportation Workforce Center (SWTWC) and Mineta Transportation Institute came together to host a lineup of speakers and panelists at a summit held on April 29, 2016. The speakers were made up of leaders in transportation technology and workforce development. The summit, entitled “Faster, Smarter, Cleaner, Greener: Developing the Transportation Workforce of the Future,” focused on issues relating to preparation of the national workforce for the changes within the transportation industry. Career pathways in transportation were a focus of discussion at the summit with educational programs, skills training, and the role of upcoming technologies on the transportation industry acting as supporting topics. One theme which arose at the summit was the need for future transportation workers to be more technologically savvy. SWTWC Director Thomas O’ Brien noted that, “ the transportation worker of the future will have an integrative skillset which brings together IT, project management, and problem solving in order to keep up with rapidly changing technologies.”

- **CITT’s State of the Trade and Transportation Industry Town Hall** was held on Wednesday, March 30, 2016, at Gerald Daniel Recital Hall, Cal State Long Beach. At this year’s event speakers discussed how new supply chain partnerships are changing the way we move goods and the innovative best practices in the industry.

- Speakers and guest panelist in attendance at the event where:
 - Congressman Alan Lowenthal, 47th Congressional District
 - Bill Mongelluzzo, Senior Editor, Journal of Commerce
 - Tracy Burdine, Director of Client Services, Yusen

Terminals

- Michael Christensen, Senior Executive Lead, Supply Chain Optimization, Port of Long Beach
- Fred Johring, President, golden State Express/Logistics
- Steve Miller, Chief Procurement Officer, P.F. Chang's
- Paul Trani, President, ILWU Local 63, Marine Clarks Association
- Dr. Genevieve Giuliano, METRANS Director
- 2016 CITT Town Hall Sponsors included:
 - Long Beach City College/Doing What Matters TM
 - Watson Land Company
 - BNSF Railway
 - Los Angeles Custom Brokers and Freight Forwarders Association
- **Transcasts** are METRANS Transportation Center's podcast that feature interviews with researchers and other distinguished transportation experts. These podcasts focus on education programs at USC and CSULB, as well as exploring issues that discussed at various transportation meetings, these podcast are available on METRANS.org. The experts featured in this year's Transcasts series were:
 - **Joshua Schank** of L.A. Metro
 - **Jill Hough and Joel Volinski** at CUTC
 - **Kieran Donahy**
 - **Henrik Nolmak**, Volvo Research and Education Foundations
 - **Melissa Tooley**, Director, Texas A&M Transportation Institute
 - **Violeta Roso**, Associate Professor, Division of Logistics and Transportation at Chalmers University of Technology in Sweden
 - **Benjamin Conwell**, Cushman & Wakefield
 - **Dr. Alison Conway**, Grove School of Engineering at City College of New York

II. CITT Policy and Steering Committee/Advisors Members

The Center's Policy and Steering Committee (PSC) includes representatives of the stakeholders from the trade and transportation industry. The constitution of the PSC and all CITT management functions are governed by the CITT bylaws. The PSC generally meets on the last Tuesday of every month, with the exception of December and for two months in the summer, at the CITT offices.

a. 2015-2016 CITT Policy Steering Committee Members

- **Chair: Jeet Joshee, Ed.D., AVP for international Education; Dean, CCPE/CSULB**
- **CITT Executive Director: Thomas O'Brien, Ph.D., CITT/CSULB**
- **Kerry Cartwright, Director of Goods Movement, Port of Los Angeles**

- **Anastasios G. Chassiakos, Ph.D.**, Professor and Chair, Electrical Engineering, College of Engineering, California State University, Long Beach
- **Rich Dines, Commissioner**, Port of Long Beach
- **Mary Beth Eves**, Operations Manager, Michael Kors
- **Genevieve Guiliano, Ph.D.**, Ferraro Chair in Effective Local Government, Sol Price School of Policy, Director, METTRANS Center, University of Southern California
- **Michele Grubbs**, Vice President, Pacific Merchant Shipping Association
- **Mark Hirzel**, District Manager, A.N. Deringer, Inc.
- **Pilar Hoyos**, Vice President, Public Affairs, Watson Land Company
- **Mike Jones**, Senior Regional Planner, Southern California Association of Governments
- **Alan McCorkle**, Vice President – West Coast Operations, Yusen Terminals, Inc.
- **Domenick Miretti, Ph.D. (1932-2016)**, ILWU Senior Liaison, Ports of Long Beach and Los Angeles, Marine Clerks Association
- **C.J. Nord, C.P.M.**, Trustee, The Institute for Supply Management, Los Angeles
- **Connie Rivera**, Government & Community Relations Officer, Alameda Corridor Transportation Authority
- **Patty Senecal**, Manager, Southern California Region Western States Petroleum Association
- **Don Snyder**, Director, Trade Development, Port of Long Beach
- **John Taeleifi**, Chief Executive Officer, Pasifica Financial Corp., West Long Beach Community Advocate
- **Elizabeth Warren**, Executive Director, FuturePorts

b. 2015-2016 CITT Advisors

- **Richard Backlund**, Associate Division Administrator, Federal Highway Administration
- **Mike Caswell**, Vice President of Terminals, Pasha Stevedoring & Terminals
- **George Cummings**, Director of Homeland Security, Port of Los Angeles
- **Jim Gill**, Vice President, California Cartage
- **Joseph Magaddino, Ph.D.**, Emeritus Faculty, Department of Economics, California State University, Long Beach
- **Larry Mallon**, Program Director, Attorney
- **Danny Miranda**, President, Local 94, ILWU
- **Bobby Olvera, Jr.**, President, Local 13, ILWU
- **Eric Shen**, Director, Southern California Gateway Office, Maritime Administration, U.S. Department of Transportation
- **Michael Solt, DBA**, Dean, College of Business Administration,

California State University, Long Beach

- **Phil Trani**, President, Marine Clerks Association, Local 63, ILWU

c. CITT Staff

- The Center for International Trade and Transportation (CITT) is part of the College of Continuing and Professional Education (CCPE). The overall management of the CITT is the responsibility of the Executive Director.
 - **Thomas O'Brien**, Ph.D., Executive Director
 - **Angeli Logan**, Director of Trade and Transportation Programs
 - **Tyler Reeb**, Ph.D., Director of Research
 - **Alix Traver**, CITT/METRANS Project Coordinator
 - **Stephen Lantz**, Project Manager
 - **Marissa Eide**, Assistant to the Executive Director
 - **Breaunna Lewis**, Program Specialist

III. Faculty Members Involved in CITT Research, Scholarly, and Creative Activities

a. CITT/METRANS Publications and Awards

- As part of its METRANS partnership with USC, CITT awarded \$361,129 in new CSULB faculty research projects to the following faculty members:
 - **Xiaolong Wu**, Department of Computer Engineering and Computer Science; College of Engineering
 - **Shadi Saadeh**, Civil Engineering and Construction Engineering Management; College of Engineering
 - **Anastasios Chassiakos**, Department of Electrical Engineering; College of Engineering
 - **Hamid Rahai**, Department of Mechanical & Aerospace Engineering; College of Engineering
 - **Luis G Arboleda-Monsalve**, Department of Civil Engineering and Construction Eng. Management; College of Engineering
 - **Jin-Lee Kim**, Department of Civil Engineering and Construction Eng. Management; College of Engineering

b. Other Invited Conference Participation and Speaking Engagements

- **During the reporting period, Executive Director, Thomas O'Brien presented the following:**
 - "Language Diversity Challenges in the Emerging Transportation Maintenance and Operations Workforce, Transportation Research Board, Washington, DC, January 11, 2016
 - Addressing the Changing Landscape of the Transportation Workforce: "Demographics, Technologies, Career Pathways, and Workforce Needs, Transportation Research Board", Washington, DC, January 12, 2016

- “Understanding Freight Mobility in California” Caltrans Transportation Planning Conference, December 3, 2015
- “Ports and Supply Chains: Global Trends with Local Impacts” The Pat Brown Institute of Public Affairs – The 22nd Annual Policy Conference, Friday, November 13, 2015
- “Overview of American Transportation Planning” Guangxi Zhuang Autonomous Region Road Administration, August 11, 2015
- “Overview of American Transportation and Port Planning” Tianjin Administrative Institute Delegation
- “A Conversation on Pairing Training and Career: The Role of the University in Professional Development” AASHTO RAC Meeting, Portland, Oregon, July 2015

c. Public Statements and Positions

Director Thomas O’Brien is the author of a monthly perspectives column on trade and transportation issues for the *Long Beach Business Journal*. The column highlights important issues in good movements and international trade and features CITT activities, including research findings. Articles in this reporting period include:

- “High Energy Ports” June 21 – July 4, 2016
- “The Unsung Hero of Intermodal Travel” May 10 – May 23, 2016
- “Ports Taking the Lead” April 26 – May 9, 2016
- “Freight Planning Taking Center Stage” March 1-14, 2016
- “A National Strategy for Freight” November 24-December 7, 2015
- “The Heart of the Urban Freight World” October 13-26, 2015
- “The Value of Research” September 15-28, 2015
- “Changing Perceptions of Apprenticeships” August 4-17, 2015
- “Beyond Traffic” July 7-20, 2015
- “The Other Canal” June 23 – July 6, 2015

Articles may be accessed at:

<http://www.ccpe.csulb.edu/citt/default.aspx?PID=10>

d. CITT Instructor Awards and Recognition

- George Marshall Instructor Award for outstanding GLS instructor was awarded to Mette **Bjonholt Karapetian** and **Sue Dexter** (Fall2015) and **Biju Kewalram** (Spring 2016).

- The 2015-2016 Bill Wisener Distinguished Service award (presented to a CITT instructor for contributions to CITT student programs) was awarded to **Jerry Aspland**, Present Emeritus for the California Maritime Academy and **Neil Yeschin**, COO of Elite Logistics Worldwide LLC
- MTOP Outstanding Instructor Award was renamed as the Carolyn Martin Outstanding MTOP Award. The Award was given to **Jeff Gould**, President, MetriTech.

e. CITT Student Awards and Recognitions

- CITT students were awarded \$36,700 in scholarships for the 2015-2016 academic year from numerous industry associations and organizations.
- The Harbor Transportation Club donated to the Marianne Venieris Scholarship Fund to complete the requirements to establish the endowment
- Los Angeles Transportation Club Award four \$3,500 scholarships to GLS and MSSCM students for a total of \$14,000.
 - Julio Miranda (MSSCM Cohort 1)
 - Radhika Naik (MSSCM Cohort 1)
 - Mai Farrag (MSSCM Cohort 1)
 - Martin Ruiz (GLS)
- Kevin Turner, GLS graduate and GLS instructor, awarded \$500 to GLS student Samantha Cristi.
- CITT's Richard Hollingsworth Professional Development Scholarship awarded \$1,200 to GLS student Linda Caron.
- The Container and Intermodal Institute awarded two scholarships for a total of \$6,000 to students in GLS and MSSCM programs.
 - Ariella Fallen (\$3,000)
 - Martin Cresmer (\$3,000)
- The Los Angeles Chamber of Commerce awarded student scholarships during its World Trade Week (WTW) event on May 3, 2016.
- University Student Level Recipient: Radhika Naik, a student in the Master of Science in Supply Chain Management (MSSCM).
- Mai Farrag, a student in the MSSM program, received a \$1,350 scholarship, sponsored by Capital One, to attend the Institute of Supply Management 2016 Annual Conference in Indianapolis. The scholarship

covered her conference registration and \$1,000 was awarded to Mai at the Connection Reception on Tuesday, May 17, 2016.

IV. Student on CITT Payroll as Fellow, Assistant, Internships, Volunteers

Student name	Position	Major	Undergrad/Grad
Tyler Baker	Office Assistant	Communication Studies	Undergrad
Omar Lopez	Office Assistant	Criminal Justice	Undergrad
Luis Nuno	Office Assistant	Marketing	Undergrad
Tyler Pahl	Office Assistant	Police Science	Undergrad
Royce de Rivera	Office Assistant	Health Care Administration	Undergrad
Annette Kunitsa	Research Assistant	Economics	Grad
Jennifer Tran	Research Assistant	Education	Grad
Jubin Sukhadia	Research Assistant	Computer Science	Grad
Esteban Barbosa	Research Assistant	Geography (GIS)	Grad
Priyanka Hari	Research Assistant	Geography (GLS)	Grad
Ian Livesay	Research Assistant	Business Administration	Undergrad
Kevin Gabelman	Research Assistant	Geography (GIS)	Grad
Orion Gould	Research Assistant	Political Science	Undergrad
Daniel Magno	Research Assistant	Educational Technology	Grad

V. Extent of Student/Faculty Participation from other CSU's or Universities

- CITT's university transportation research partners include USC, UC Davis, UC Riverside, GA Tech and the University of Vermont.
- CITT's METROFREIGHT partners include the City University of New York and researchers at Hofstra University, Columbia University and the University of Buffalo.
- CITT's Southwest Transportation Workforce Center (SWTWC) is one of four other regional centers that form the National Network for the Transportation Workforce:
 - West Region Transportation Workforce Center (WRTWC) located at the Western Transportation Institute of Montana State University
 - Midwest Transportation Workforce Center (MTWC) located at the University of Wisconsin-Madison

- Northeast Transportation Workforce Center (NTWC) located at the Transportation Research Center of the University of Vermont
- Southeast Transportation Workforce Center (SETWC) located at the University of Memphis

SWTWC research is led by the METRANS partnership of the University of Southern California (USC) and CSULB. The SWTWC team also includes the Texas A&M University Transportation Institute,

- CITT is partnering with faculty and administrators at Broward College in Florida which is leading a consortium of colleges across the country, including Long Beach City College, for the U. S. Department of Labor's Trade Adjustment Assistance Community College and Career Training Grants Program.

VI. Extent of Participation by Industry and Non-Governmental Organizations

- Built upon a university/industry partnership, the GLS curriculum offers broad based, hands-on training for individuals entering work at any point of the logistics chain. Topics include the costs of moving freight and the development of logistics plans. They are grouped into six core modules that address all aspects of the flow of goods from the point of origin to the point of consumption.

VII. Scholarly Achievements Consistent with CITT Mission

GLS Programs - The Master of Science in Supply Chain Management (MSSCM) program combines analytical business skills with a strong emphasis on logistics in a global setting. Targeted toward those with some experience in the industry, the MSSCM program offers a strong foundation in supplier relations, electronic commerce, transportation and inventory management among others. Students are offered a multi-disciplinary curriculum drawing upon courses from the departments of Economics, Engineering, Information Systems, and Management. It is offered through CSULB's College of Business Administration. A total of twenty-three students are in the MSSCM program, and are on track to graduate by the end of Fall 2016.

The various formats offered in the Global Logistics Specialist (GLS) program provide the cornerstone of CITT's efforts to set a professional standard for the international trade and logistics industry and provide the industry with a cadre of skilled professionals. 2015-16 marked GLS' 19th anniversary. Since the inaugural class in January 1997, well over 1,400 people have attended classes in the GLS program.

A total of fourteen were awarded the GLS Professional Designation in Fall 2015, and nineteen students were awarded the GLS Professional Designation in Spring 2016. Six students were also awarded the GLS certificate for 2014 GLS online.

GLS topics are offered within a one-year time frame, with classes held during the evening and on three Saturdays. After successfully completing all six modules and submitting a capstone team project on integrated logistics planning, the student earns the professional Global Logistics Specialist designation. The GLS specialist designation is only conferred after successful completion of all modules and a capstone project. As

is the case with the on-ground program, the latter is a problem solving case study involving a fictitious national retailer. The project is designed to test the conceptual, analytical, teamwork, and presentation skills the students have developed throughout the program. Deliverables for this project include a written Strategic Supply Chain Management Plan and an oral presentation.

In the fall 2009, the U.S. Department of Veteran Affairs approved the GLS program for veterans. Veterans continue to use funds awarded through the federal legislation to pay for any or all of the GLS modules including expenses tied to the courses such as books and housing. This is rare for a non-credit program.

CITT, in conjunction with the CSULB American Language Institute (ALI) also offers the GLS to international students (GLSI). The GLSI is a six-month program offering a student visa and is designed to provide supply chain/logistics training from a U.S perspective. Additionally, it offers English language instruction from ALI and/or University courses offered through "Open University." Students also experience various aspects of U.S. culture.

Since 2003-04 CITT has also offered an on-line web-based version of the GLS professional designation program. This format was created in response to increasing demand for the program from people located outside the greater Long Beach area. The conversion was funded by METRANS. The on-line version was developed using a similar format to the standard GLS program. The online program also features six modules led by a facilitator; industry experts provide guidance during online expert hours. During the expert hour, the instructor responsible for the material taught during the previous week is available to communicate with students in real time via chat session. Students post questions and comments and the industry expert responds with answers and additional up-to-date information pertinent to his/her industry segment.

The online program also features a capstone mentor component. The mentor works with the GLS online facilitator throughout the course of the program to prepare students for the development and presentation of the capstone. This provides valuable continuity and has resulted in improved projects. In 2014-15, CITT continued to revise the online curriculum so that it more closely mirrors the on-ground curriculum while still respecting the unique needs of the online learner. A series of weekly group-based deliverables was also implemented to allow students to develop components of the capstone over time and to foster team building earlier in the process.

MTOP Programs – Developed by CITT in collaboration with Marine Terminal Operators (MTOs), the MTOP Program covers all aspects of terminal operations and increases career opportunities for individuals who seek entry or advancement in the transportation industry. In 2015, six students were rewarded the MTOP certificate.

The comprehensive training program enable students to gain critical knowledge and skills required by marine terminal operators worldwide, and to thrive in this highly

competitive environment. Taught by industry experts and structured in modules, the training program allows students to customize their learning experience and earn MTOP™ professional designation which details the graduate's proficiency for either entry level or existing positions in marine terminal operations.

Southwest Transportation Workforce Center (SWTWC) – Through labor market analysis, the Center drafted a *Jobs Needs and Priorities* Report with team member Brian Cronin from ICF International. The report focuses on key occupations in trade and transportation in the United States, both regionally and nationally, and will be presented at the Transportation Research Board (TRB) 96th Annual Meeting in January 2017.

The purpose of the Report is to identify key transportation jobs in the Southwest that are projected to be in the highest demand over the next five to seven years. SWTWC have identified more than 90 key transportation jobs in the region, and is in the process of gathering qualitative data with experts in trade and transportation across the nation.

SWTWC also developed a compendium of transportation education and training programs and resources for workforce development programs. The compendium will continually expand as the SWTWC team identifies new education and training programs and resources either through research or from recommendations from the Center's growing network of stakeholders and is available for public use on the Center's website at www.SWTWC.org.

Student Scholarships - Students in various educational programs offered by CITT were awarded scholarships totaling \$36,700 from numerous industry organizations, associations, individuals and endowments.

a. Publications Developed by CITT

- *METRANS News*, an eight-page newsletter, serves as the official newsletter of the METRANS Transportation Center. It features research, student awards and activities, new program initiatives, and summaries of events. It is distributed to University Transportation Centers, faculty, and industry stakeholders. Four issues were distributed in 2015-16 and are available in print and online at: <http://www.metrans.org/newsletters-0>. CITT Director of Research Tyler Reeb serves as the METRANS News editor.
- Social Media sites in LinkedIn and Facebook continue to gain membership from industry and the community. In LinkedIn we have 1,143 members in the CITT Network group with 273 in the GLS Alumni Subgroup and 112 in the MAGL Alumni Subgroup.
- The CITT website houses an in-service calendar of events, known as “The Manifest” where industry and community stakeholders can find and post upcoming trade and transportation events of importance. To add an event to the calendar, the sponsor

posts the event information and the event appears on the Manifest Calendar once it has been approved by CITT editors.

- CITT continued its regular contribution to the Perspectives section of the *Long Beach Business Journal* during 2014-15. The *Journal* featured a designated “Trade and Transportation” column by CITT Executive Director Tom O’Brien, highlighting research and key issues of interest to goods movement stakeholders. Listed below are nine separate columns featured in 2014-15. Many articles have an accompanying podcast featuring an interview with Dr. O’Brien and are available on the CITT website.
 - “High Energy Ports” June 21 – July 4, 2016
 - “The Unsung Hero of Intermodal Travel” May 10 – May 23, 2016
 - “Ports Taking the Lead” April 26 – May 9, 2016
 - “Freight Planning Taking Center Stage” March 1-14, 2016
 - “A National Strategy for Freight” November 24-December 7, 2015
 - “The Heart of the Urban Freight World” October 13-26, 2015
 - “The Value of Research” September 15-28, 2015
 - “Changing Perceptions of Apprenticeships” August 4-17, 2015
 - “Beyond Traffic” July 7-20, 2015
 - “The Other Canal” June 23 – July 6, 2015
- CITT continued to update CITT’s blog site available at <http://www.ccpe.csulb.edu/citt/blog/blogposts.aspx?PID=125>, and Twitter feed (@CSULBCITT).
- The CITT website is continually updated to ensure that it is a reliable source of information. The website is accessible at www.ccpe.csulb.edu/citt. The METRANS website (www.metrans.org) is a central portal for information on METRANS and CITT’s programs including the National Center for Sustainable Transportation, the METROFREIGHT Volvo Center, and the Southwest Transportation Workforce Center. The site will also host new programs and research activities as they are initiated.

b. Presentations by CITT

Executive Director Thomas O’Brien presented the following:

- “Language Diversity Challenges in the Emerging Transportation Maintenance and Operations Workforce,” Transportation Research Board, Washington, DC, January 11, 2016.
- Addressing the Changing Landscape of the Transportation Workforce: “Demographics, Technologies, Career Pathways, and Workforce Needs, Transportation Research Board”, Washington, DC, January 12, 2016.

- “Understanding Freight Mobility in California” Caltrans Transportation Planning Conference, December 3, 2015.
- “Ports and Supply Chains: Global Trends with Local Impacts” The Pat Brown Institute of Public Affairs – The 22nd Annual Policy Conference, Friday, November 13, 2015.
- “Overview of American Transportation Planning” Guangxi Zhuang Autonomous Region Road Administration, August 11, 2015.
- “Overview of American Transportation and Port Planning” Tianjin Administrative Institute Delegation.
- “A Conversation on Pairing Training and Career: The Role of the University in Professional Development” AASHTO RAC Meeting, Portland, Oregon, July 2015.

c. Seminars/Workshops Offered by CITT

- **Working and Living in a Port City** - CITT offered the Working and Living in a Port City Seminar Series in Fall 2015 and Spring 2016 to graduating or recently graduated CSU and community college students at no cost. This seminar series was designed to provide participants with a broader perspective on the value of international trade to our communities. To address the needs of students entering the workforce, the program featured CSULB alumni who work in the industry to share their experiences and how they launched a career in their fields.

Caltrans Goods Movement Training - CITT completed the sixth in a series of three-day+ trainings for Caltrans on the topic of goods movement offered at the Port of San Diego. The 2015 curriculum was updated to reflect changes in the industry since the prior class. The Caltrans contract is for two years.

- **The 6th International Urban Freight Conference (I-NUF)** – The sixth I-NUF Conference was held on October 21-23, 2015. Established in 2006 and held every two years in Long Beach, California by METRANS Transportation Center, the purpose of I-NUF is to provide a forum for multidisciplinary research on all aspects of urban freight and raise visibility of urban freight research. A Call for Abstracts (CFA) was issued both nationally and internationally, and papers were submitted from across the United States and from Countries around the world.
 - **Guest Speakers** for the 2015 conference included:
 - Greg Winfree from the Office of the Assistant Secretary for Research and Technology, FHWA
 - Brett Parker of Cargomatic, an UberFreight company
 - Randell Iwasaki of Contra Costa Transportation Authority and Chair of the National Freight Advisory Committee
 - Laetitia Dablanc from The French Institute of Science and Technology for Transport, Spatial Planning, Development and Networks (IFSTTAR)

- Mathieu Gardrat from Laboratoire d'Economie des Transports (LET-Lyon)
- Benjamin Conwell from Cushman & Wakefield of Washington
- **Thematic Areas** for the 2015 conference included:
 - Local/last mile pickup and delivery
 - Trade nodes and hubs – ports airports, distribution hubs
 - Freight modes – trucking, rail, water
 - Urban modeling and planning
 - New technology
 - Changing consumption, production and spatial organization
 - Best practices

The purpose of the I-NUF Conference is to examine the impacts of goods movement and international trade in metropolitan areas. The conference focused on the urban aspects of goods movement. It was the only conference devoted to freight issues in metropolitan areas, and it drew participants from throughout the United States and abroad. Participants represented academia, industry, and government.

- **CITT Town Hall** - CITT's signature annual event is its Town Hall on trade issues. It is an educational forum in which different perspectives on a pertinent issue of interest are presented. The format allows for a comprehensive in-depth treatment of a topic in a neutral setting. The Town Hall provides for an informative and lively exchange of information, all done in the spirit of education. The objective is to understand fully the facts and various perspectives on the topic in an educational, neutral format and to allow the audience to explore the topic through questions and answers.

The Town Hall forums are available via webcast. Also available online are the topical videos that are produced to set the stage for discussions. These videos have been used as an independent informational resource by governmental agencies and industry and community groups. The videos are also available for purchase. Event proceedings are posted after the event.

CITT's 2016 Town Hall was held on March 30, 2016. The Town Hall webcast is available at: <http://www.amp.csulb.edu/CCPE/CITT/>.

d. Other CITT Research Activities

During 2015-16, CITT was actively involved in the following research projects:

- **CA-IBAS Study** - In July 2013, METRANS led a year-long "California Integrated Border Approach Study" for Caltrans District 11 which serves San Diego and Imperial Counties. The study investigated institutional structures and funding/financing options for developing and implementing cross-jurisdictional mobility projects in California communities adjacent to the Mexican border. The Final Report was submitted to

Caltrans in June 2014. The second phase of the CA-IBAS Study, performed under a sub-agreement to UC Berkeley was completed in 2016.

Southwest Transportation Workforce Center (SWTWC) – In 2015, one of SWTWC’s most significant accomplishments has been the establishment of the SWTWC’s Action Subcommittees: STEM, Career and Technical Education, and Supply Chain & Logistics, and the development of corresponding Action Plans. The Action Subcommittees are comprised of thought leaders from industry, government, and labor. Building on Phase 1 of the Center’s *Jobs Needs and Priorities* Report, Phase 2 focused on four action plans that were first formulated through SWTWC’s quarterly meetings with the Center’s Steering Committee members. The action plans developed were:

1. Promoting Apprenticeship Programs for 21st Century;
2. GIS Tribal Training Initiative;
3. Promoting Awareness of Trucking Occupation; and
4. Supply Chain Diversity.

The four action plans represents best practices identified by the Center and will guide SWTWC’s stakeholder engagement activities in the year ahead.

SWTWC also continued the Center’s research efforts to identify innovative workforce development programs and practices, and maintained its data clearinghouse of education and training programs and resources for the transportation workforce.

Steering Committee, which is comprised of thought leaders from industry, government, education, and labor. In the year ahead, the SWTWC team will work with those Steering Committee members to develop a diverse network of strategic stakeholder groups. This formal engagement with stakeholder groups will begin after the October 2015 launch of the SWTWC website, which will house the SWTWC Data Clearinghouse.

CITT Chassis Research – The purpose of this METTRANS-funded research is to understand and assess the potential benefits of the port-wide chassis pools at the Ports of Los Angeles and Long Beach, and incentives for truckers, terminal operators and ocean carriers to take part in shared equipment management strategies. The purpose of the research is to assess the impacts of new chassis management practices on various freight stakeholders, including implications for local supply chains. Assessing the impact of chassis management is important because chassis facilitate the movement of intermodal cargo from the ocean vessel to truck and freight rail. Inefficient chassis management can greatly slow down the productivity at the ports and cause unwanted congestion.

Traditionally ocean carriers operating in the United States have owned the chassis and provided it to truckers for their use in transferring containers between the ports, distribution and intermodal facilities as part of local trips (drays); however ocean carriers have divested themselves of those chassis and left the terminals, truckers and

the ports to figure out a way to manage. In response, the ports implemented the port-wide Pool of Pools.

The report was completed in January 2016 and two presentations on the findings are scheduled to be presented at CSULB and USC in the fall of 2016.

Impact of Legislative Mandates on Workforce Capacity – CITT completed its METTRANS-funded research on Senate Bill (SB) 375 and the legislation’s impact on workforce development in the transportation public sector. SB 375 mandates Metropolitan Planning Organizations (MPO) to establish greenhouse gas emission targets in partnership with the California Air Resources Board. MPOs are required to develop a Sustainable Communities Strategy (SCS) in the regional transportation plan that details how a given region will meet established targets. Our project focused on determining technological and capacity constraints challenges faced by MPOs during SCS development process. A draft report was submitted during the reporting period.

VIII. Research Consistency with Academic Standards and Legal Conformity

CITT and METTRANS research is undertaken subject to the respective Institutional Review Board requirements, policies, and procedures. Business matters are handled through the Office of Research and Sponsored Programs.

IX. Sources and Amounts of CITT Income

Administration and operations for CITT are funded by external funds and stateside support for salaries of the Executive Director and non-Foundation employees. CCPE provides support for CITT’s infrastructure including office space. The CSULB Research Foundation acts as fiscal agent but all salaries, project costs, and expenses are paid for either from the CITT and METTRANS grants or through funded projects themselves.

Grants, Endowments, Contracts and Donations - In addition to the educational scholarships awarded to CITT students, CITT receives grants, contracts, and donations for its education, research and outreach activities. The financial and in-kind support was provided by the following public agencies and private organizations: U.S. Department of Transportation’s Federal Highway Administration, U.S. Department of Labor, Caltrans, California State Lands Commission, the Ports of Los Angeles and Long Beach, International Longshore and Warehouse Union (Locals 13, 63 and 94), Volvo Research and Educational Foundations, Alameda Corridor Transportation Authority, Long Beach City College, Harbor Trucking Association, APM Terminals, Yusen Terminals LLC, Cushman and Wakefield, South Coast Air Quality Management District, LA Metro, BNSF Railway, Majestic Realty, Watson Land Company, Southern California Association of Governments, Aerospace, Automobile Club of Southern California, Los Angeles Transportation Club, Harbor Transportation Club, Kevin Turner, Total Transportation Services, Inc. (TTSI) and the Los Angeles Customs Brokers and Freight Forwarders Association.

X. Expenditures from CITT Sources

CITT Expenditures fall into two categories: expenses paid through the CSULB Research Foundation out of the Center's fund and expenses paid on the state side.

CITT Foundation Account Expenditures July 1, 2015 – June 30, 2016	
Category	Total (\$)
Salaries & Fringe	52,319.73
Supplies	10,039.54
Hospitality	10,651.11
Copier/Telephone	7,306.09
Travel	3,898.07
Services e.g. design, marketing	(306.80)
Mailing	15,105.47
Conference/Event Registrations	13,791.09
Scholarships	19,250.00
Total (\$)	132,054.30

CITT State Side Expenditures July 1, 2015 – June 30, 2016					
Category	Administration (\$)	Research (\$)	Education (\$)	Outreach (\$)	Total (\$)
Salaries	106,596.00	-	-	-	106,596.00
Faculty Salary	123,133.03	-	151,236.97	-	274,370.00
Benefits & Fringe	111,451.17	-	33,140.03	-	144,591.20
Non-credit Instructor Pay	25,000.00	-	59,962.41	-	84,962.41
Supplies	207.59	-	46,417.07	-	46,624.66
Hospitality	286.76	-	16,936.58	-	17,223.34
Copier/Telephone	7,650.69	-	4,420.49	-	12,071.18
Travel	236.37	-	5,197.64	-	5,434.01
Services e.g. design, marketing	2,209.00	-	75,992.93	-	78,201.93
Mailing	-	-	4,362.03	-	4,362.03
CSU Transfer Out (Overhead)	-	-	127,772.51	-	127,772.51
Total (\$)	376,770.61	-	521,166.99	-	897,937.60

7/1/2015 to 6/30/2016 F&A Returns	
Account	Amount (\$)
CITT RS255 & RS256	20,674.00
CCPE	20,674.81
ORSP	4,594.4
Total	45944.02

XI. Space Description/Amount Occupied

During the reporting period, CITT's offices were subleased from the Cornerstone Church at 1000 Studebaker Road, Suite 3, Long Beach, CA 90815. Total leased space occupied in 2015-16 was approximately 2,800 square feet for administrative space seven classrooms shared by CCPE, CITT and the church. CITT moved offices to the Foundation Building in July 2016.

XII. Acquisitions of Equipment or Tangible Assets Valued Over \$5,000

None

XIII. Minutes of CITT Policy and Steering Committee Meetings

- Minutes for the eight CITT Policy and Steering Committee Meetings held during the reporting period are enclosed in Appendix A.



CITT Policy and Steering Committee January 26, 2016

CITT Members and Alternates in attendance: *Rich Dines, Michele Grubbs, Gen Giuliano, Mark Hirzel, Pilar Hoyos, Alan McCorkle, C.J. Nord, Tom O'Brien, Connie Rivera, Eric Shen, Don Snyder, Ömer Benli, Elizabeth Warren,*

Staff in attendance: *Alix Traver, Kylie Shahar, Marianne Venieris Gastelum, Dave Kelly, and Tyler Reeb*

Tom O'Brien called the meeting to order. The minutes from November 24, 2015 were approved.

Announcements

Tom is now serving on the board for the Los Angeles Transportation Club and the Foreign Trade Association. Marianne Gastelum will serve as the alternate.

CITT will be holding a Caltrans Freight Class, April 4-7, Oakland coordinated by Tom.

There is a tentative date for the Workforce Summit "Faster, Smarter, Cleaner, Greener: Developing the Transportation Workforce of the Future"--April 29, 2016.

LINCS—Certification for entry level supply chain workers

Mark Hirzel has a new position as District Manager for A.N. Deringer, Inc. He has "termed out" as the president of LACBFFA. The new president will be Norman Harris.

METRANS

Gen Giuliano reported that the METRANS and CITT were well represented at the Transportation Research Board's Annual Meeting in Washington, DC last January.

Gen also reported on the upcoming UTC competition with the RFP expected soon. We expect there will be five national centers, 10 regional centers, and 20 Tier 1 centers.

Tyler Reeb reported on the SWTWC Jobs Need and Priorities Report

2016 CITT Town Hall

Summary of discussion: The theme for this year's Town Hall is "Partnerships for Innovation" and will take place on Wednesday, March 30 at the Gerald Daniel Recital Hall on the CSULB campus from 6-8 PM. The focus of the panel discussion will be on how supply chain stakeholders can work together to identify innovative solutions that

improve supply chain efficiency and effectiveness. While the Town Hall has traditionally been port or terminal-centric, this year's event will also emphasize relationships outside of the gate, including those between truckers and BCOs.

Some key questions to be considered by the panel:

1. What incentives exist for stakeholders to work together to make the supply chain more transparent?
2. How has technology facilitated better coordination across the supply chain? What other opportunities do you see for technology-driven solutions that encourage partnerships?
3. What kinds of agreements are necessary for supply chain stakeholders to work together? What makes for an effective forum for information/data sharing?
4. How does improved coordination outside the gate improve operations inside the gate?
5. What is the role/impact of labor in implementing innovative practices along the supply chain?
6. Who do you consider to be leaders in supply chain innovation?
7. What is the impact of the regulatory environment on either encouraging or discouraging innovation?

The panel will begin with an introduction that speaks to factors driving the need for innovation and better coordination along the supply chain. This will be an academic or journalistic perspective and include the impact of e-commerce. Proposed panelists include

Labor: Danny Miranda

Terminal operator: Alan McCorkle/Linda Frame

BCO: CJ will check via ISM

Supply Chain Optimization Group: Mike Christensen

Trucking: Mike Mayor (Mayor Trucking) or Robert Loya (California Multimodal)

The video that introduces the topic will include the following interviewees to address:

Examples of cooperative models at other ports: Gen Giuliano

Containers sitting too long at the docks: Alan McCorkle or Michele Grubbs

Strategic loading at the point of origin: Jon Slangerup

Need of infrastructure resulting from cargo growth (includes rail): Hasan Ikhata (SCAG)

Cargo growth, jobs and environmental regulations: Frances Keeler, Annie Nam or Otis Clatt

The PSC decided that we will not do a workshop prior to the Town Hall and will instead investigate the opportunity of doing a peer exchange as part of a METRANS Industry Outlook at a later date.

Next meeting: February 23, 2016 at the CITT Offices

These minutes were submitted by Alix Traver and Tom O'Brien.



**CITT Policy and Steering Committee
February 23, 2016**

CITT Members and Alternates in attendance: *Rich Dines, Gen Giuliano, Mark Hirzel, Pilar Hoyos, Alan McCorkle, C.J. Nord, Tom O'Brien, Connie Rivera, Eric Shen, Don Snyder, Ömer Benli, John Taeleifi,*

Staff in attendance: *Alix Traver, Marisa Eide, Paige Zhuang, Dave Kelly, and Tyler Reeb*

Tom O'Brien called the meeting to order.

Announcements

Innovative Transportation, Distribution and Logistics Partnerships Webinar, February 24

LATC, Executive Speaker Series Meeting, Gene Seroka, March 3

CSCMP, 2nd Annual Tech Event: Bringing the Best of Tech and Supply Chain Together, March 10

HTC Afternoon Golf Tournament, March 17

Port of Long Beach, Pulse of the Ports, March 30

Caltrans Freight Academy, Oakland, April 4-7

Working and Living in a Port City, April 12, 14, 19 Workforce Summit "Faster, Smarter, Cleaner, Greener: Developing the Transportation

Workforce of the Future" San Francisco CA, April 29

LINCS Classes – currently on going

Trans Pacific Maritime Conference, March 1-4

Boards Reception, March 1

METRANS

Gen Giuliano reported that the METRANS and CITT were well represented at the Transportation Research Board's Annual Meeting in Washington, DC last January.

Gen also reported on the upcoming UTC competition with the RFP expected soon. We expect there will be five national centers, 10 regional centers, and 20 Tier 1 centers.

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Cargo growth, jobs and environmental regulations: Frances Keeler, Annie Nam or Otis Clatt

The PSC decided that we will not do a workshop prior to the Town Hall and will instead investigate the opportunity of doing a peer exchange as part of a METRANS Industry Outlook at a later date.

Next meeting: February 23, 2016 at the CITT Offices

These minutes were submitted by Alix Traver and Tom O'Brien.



CITT Policy and Steering Committee June 28, 2016

CITT Members and Alternates in attendance: *Rich Dines, Mark Hirzel, C.J. Nord, Tom O'Brien, John Taeleifi, Elizabeth Warren*

Staff in attendance: *Alix Traver, Marisa Eide, Paige Zhuang, and Dave Kelly*

Tom O'Brien called the meeting to order.

Announcements

July 12 - Annual Union Pacific Day at LATC Keynote: Sam Calabro, AVP Domestic Intermodal Sales, Old Ranch Country Club in Seal Beach

July 21 – HAIC - 22nd Annual Harbor Cup Challenge, Skylinks Golf Course

August 12 – HTC Night at the Races - dinner and races at the Los Alamitos Race Course

September 16 – LATC Transportation Night at Knott's Berry Farm 7pm-1am (proceeds help CITT scholarships)

November 2 – (Per Mark Hirzel) Monika Wegener Retirement Party benefiting Seafarer Center at Keesal, Young, and Logan

John Taeleifi announced that a community radio broadcast is streaming now, 24 hours a day, seven days a week. The call letters are KLBP, 99.1 FM. It will go live in March 2017. The content is all about the Long Beach community; education, music, public announcements, etc.

Dave Kelly has been nominated for a Los Angeles Area Emmy Award for the documentary, "Sky Blue Sea." <https://emmys.org/video/la-2016-4116> Also try the Emmy Awards website at this link <http://www.emmys.com/la> and click on the text link "NOMINATIONS ANNOUNCEMENT The 68th Los Angeles Area Emmy Awards..." This text link will list the announced nominations. Scroll down to the second category, INDEPENDENT PROGRAMMING. In this category you'll find "Sky Blue Sea" listed. Click on the "watch" link and the video will play in its entirety.

CITT Update

Tom reviewed the various events, trainings and programs the CITT has done over the past few months, including the Port of Long Beach/Long Beach Unified School District Cabrillo High School Teacher Externship. This is the first step in developing a Cabrillo High School Academy of Logistics. He also provided an update on the Caltrans Freight Academy held in Oakland in the spring.

CITT is moving closer to campus in August to the Foundation Building Suite 255. Telephone numbers will remain the same. We will send out instructions for the location of our new meeting place for our next in-person meeting.

CITT will celebrate our 20th anniversary in 2017. We are presently considering plans for various events and items to recognize this achievement.

The new GLS cohort starts in July.

GLS Graduation is July 19 at the Gerald Daniel Recital Hall, CSULB. HTC made a significant donation to fully endow the HTC and Marianne Venieris Scholarship Endowment. We now have four endowments and we thank everyone involved.

SWTWC

The Workforce Center was a co-sponsor of a summit on the impact of transformational technologies on the transportation workforce. The Summit was held in May in San Francisco in partnership with San Jose State's Mineta Transportation Institute. The event was broadcast by NPR and can be accessed at <http://www.commonwealthclub.org/events/archive/video/faster-smarter-cleaner-greener-developing-transportation-workforce-future>

Tom also reviewed the series of initiatives being undertaken by the SWTWC including a new tribal training initiative in conjunction with ESRI and provided an update on a proposal being submitted to the FHWA to develop a strategic careers pathway initiative.

METRANS

Tom reported on the UTC competitions that were just completed. We should receive word on funding by September.

The 2016 Council of University Transportation Center Summer Meeting was hosted by METRANS and held at USC on June 6-8. Highlights of the meeting were a tour of the Hyperloop One campus in L.A. and dinner in the Tom Bradley Tower of L.A. City Hall.

Tom and Gen Giuliano will participate at the MetroFreight partners meeting in Seoul in early July and then move to the World Conference of Transport Research in Shanghai.

CITT Town Hall

The group discussed TH 2016 – what we took away from it and what our approach will be for the next one in 2017. Some key points that were discussed and food for thought for our next PSC meeting:

- Miretti Award will be/should be given that night
- Possibility of having it at the Aquarium of the Pacific as a special location
- Optional Harbor Cruise offered before the event starts
- Charge a fee for tickets and dedicate the money earned to scholarships
- Showcase the Dave Kelly video
- Tie in CITT 20th anniversary
- Discuss where we were 20 years ago, where we are now, and what the next 20 years could look like
- Possibly have stakeholders sponsor tables
- Have a speaker, such as Kevin Starr, give an inspirational speech on the big picture
- Consider giving continuation education credit to students for attending
- Invite GLS, MTOP and MSSCM students and others and find funding to cover
- Look for date with careful consideration of other events

To do's:

Determine if a P&SC Committee member might have a connection with the Aquarium and to set up a visit.



CITT Policy and Steering Committee July 26, 2016

CITT Members and Alternates in attendance: *Gen Giuliano, Marianne Gastelum, Don Snyder, Rich Dines, Mark Hirzel, C.J. Nord, Tom O'Brien, John Taelifi, Elizabeth Warren, Michele Grubbs, Pilar Hoyos, Connie Rivera, Eric Shen, Michael Solt, Ömer Benli, Cathy Familathe*

Staff in attendance: *Alix Traver, Marisa Eide, and Dave Kelly*

Tom O'Brien called the meeting to order.

Announcements

September 13 – LATC Speaker Series: David R. Parker, Covenant Transport

September 15 – HAIC 38th Annual Salute to Industry & Casino Night Gala

September 16 – LATC Transportation Night at Knott's Berry Farm 7pm-1am

September 22 - HTC Annual Harbor Cruise

November 2 – (Per Mark Hirzel) Monika Wegener Retirement Party benefiting Seafarer Center at Keesal, Young, and Logan

November 10 – Announcement of HTC – Venieris endowment

CITT Update

Tom reviewed the various events, trainings and programs the CITT has done over the past few months, including the Port of Long Beach/Long Beach Unified School District Cabrillo High School Teacher Externship. This is the first step in developing a Cabrillo High School Academy of Logistics. He also provided an update on the Caltrans Freight Academy held in Oakland in the spring.

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The new GLS cohort starts in July.

GLS Graduation is July 19 at the Gerald Daniel Recital Hall, CSULB.

HTC made a significant donation to fully endow the HTC and Marianne Venieris Scholarship Endowment. We now have four endowments and we thank everyone involved.

METRANS

Gen reported on the UTC competitions – Fiscal year ends on September 30 but they have until December 4.

Gen also reported on the CUTC Summer Meeting held in LA. She stated that it was a very successful event.

Tom and Gen both participated at the MetroFreight partners meeting in Seoul in early July and then moved onto the World Conference of Transport Research in Shanghai.

CITT Town Hall and 20 year anniversary

The group discussed TH 2016 and 20 year anniversary – what we took away from it and what our approach will be for the next one in 2017. Some key points that were discussed and food for thought for our next PSC meeting (some leftover from previous meeting on June 28):

- Miretti Award will be/should be given that night
- Possibility of having it at the Aquarium of the Pacific as a special location
- Optional Harbor Cruise offered before the event starts
- Charge a fee for tickets and dedicate the money earned to scholarships
- Showcase the Dave Kelly video
- Tie in CITT 20th anniversary – 20 year logo to brand
- Discuss where we were 20 years ago, where we are now, and what the next 20 years could look like
- Possibility of sponsorships to help fund the event
- Possibly have stakeholders sponsor tables
- Have a speaker, such as Kevin Starr, give an inspirational speech on the big picture
- Consider giving continuation education credit to students for attending
- Invite GLS, MTOP and MSSCM students and others and find funding to cover
- Look for date with careful consideration of other events

Some questions that came up:

- Is there still a need for a Town Hall meeting? Is it still relevant?
- Is the time a year a factor in the low attendance?
- What do we need to do to ensure we get people there?

Miretti Award sub-committee: First meeting is scheduled for August 26 at 10am. The group will discuss what the criteria will be for winning the award and if there will be nominations.

Sub-Committee:

Tom O'Brien

Marianne Gastelum

Elizabeth Warren

Mark Hirzel

Michelle Grubbs

Connie Rivera

Rich Dines

Tyler Reeb

Next Meeting: CSULB Foundation Building, August 30, 2016, 6:00 pm – details to be provided later



CITT Policy and Steering Committee October 27, 2015

CITT Members and Alternates in attendance: *Thomas O'Brien, Kerry Cartwright, Omer Benli, Rich Dines, Alan McCorkle, Domenick Miretti, Mark Hirzel, Elizabeth Warren, Connie Rivera,*

Staff in attendance: *Alix Traver, Marisa Eide, Marianne Venieris Gastelum, Dave Kelly, and Paige Zhuang*

Tom O'Brien called the meeting to order. He welcomed Paige Zhuang, visiting scholar from China.

Events/Announcements

- **11/16 – FuturePorts VIP Reception 5-7:30pm** at Keesal, Young & Logan – by invitation only (invitations to CITT Policy & Steering Committee will be sent out)
- Correct date for Dave Kelly's documentary, Sky Blue Sea, is 11/13. Free parking in Lot 3. Reception starts at 6:30. Documentary starts at 7:30
 - **11/4 – Port of Long Beach Career/College Exploration Night Workshops**
 - **METRANS Research Seminars**
 - ✚ **11/5 - Dr. Burkhard Englert – Tracking Truck Movements at the Ports of Long Beach and Los Angeles**
 - ✚ **11/14 - Shui Lam - Tracking Truck Flows for Drayage Efficiency Analysis**
 - **Harbor Transportation Club - Annual Litigation Review**
 - ✚ **Speaker** – Cameron Roberts – "UBER and LYFT" - New Technology Collides with Drivers and Independent Contractor Model in California
 - **Working and Living in a Port City Seminar Series (see below)**
 - 11/10 – Local Actors and Global Trade**
 - 11/17 – Gateway to International Trade**
 - 11/19 – The Key to Success is an Educated and Skilled Workforce**
 - **11/12 – LATC Ninety-Second Annual Installation Dinner & Presidents Reception - 6:30pm**
 - ✚ **Celebrity Speaker** – Steve Garvey

CITT P&SC Roster

Eric Shen has been sent the official invitation letter so that he can get this authorization from USDOT to be an advisor.

CITT Updates

Ömer Benli from CSULB's College of Business Administration reported that the new MSSCM cohort is going very well.

METRANS Updates

INUF was very successful with 280 people in attendance. VREF interviews went very well. Tom thanked the committee members who volunteered their time to take part in the interviews. This was the midterm review.

METRANS Research Seminars are currently underway at both USC and CSULB. The next two dates at CSULB are 11/5 (CITT) and 11/14 (on campus in CBA building). CITT staff will continue to send the flyers about the seminars to the committee.

2016 CITT Town Hall

The committee again discussed on the idea of having an afternoon workshop (workshop/peer exchange) by invitation only and then an evening event for everyone. Two suggested titles/subjects were "Innovation Along the Supply Chain" and "Partnerships for Innovation." With the partnership concept, all players might explain how they do their part and how to do it better. The idea would be to encourage information sharing and new strategies. Domenick Miretti suggested that the focus might be production efficiency and automation and non-automation. The Committee liked the idea of including representatives from European, Asian, and Canadian ports such as Antwerp, Rotterdam, Vancouver, and **Guangzhou**.

Suggestions were to present from the perspective of outside the terminal and to follow a truck along the supply chain, explaining to non-industry how a container is moved by truck and rail and to explain the "push system." Focus on finding solutions and using this as an incentive. Two concepts were "thinking differently" and "what the customer wants."

The discussion turned to finding a date and a venue. The Committee's first choice was the first week of March. The Carpenter Center has dates available on March 9, March 16, March 29, and March 30. (The 29th and 30th are during Spring Break which are good dates for parking arrangements.) There are no April dates available and some May dates. As an alternative to the Carpenter Center, the Committee discussed other venue options on the CSULB campus. CITT staff will investigate date availability at the Gerald Daniel Recital Hall as it is a smaller venue and may be more appropriate. There was also the suggestion of holding it at Long Beach City College. CITT staff will find out about options there.

Dave Kelly said that he has some ideas about the video. He would prefer having as much time as possible to work on it.

O'Brien will also continue to work on the overall concept to be discussed at the next meeting.

Next Meeting

The next meeting will be a conference call on November 24, 2015 at 8:00 to 9:00 am.

These minutes were submitted by Alix Traver and Marisa Eide.



CITT Policy and Steering Committee Meeting June 30, 2015

CITT Members and Alternates in attendance: *Rich Dines, Pilar Hoyos, Domenick Miretti, Tom O'Brien, Connie Rivera, John Taelifi, Elizabeth Warren*

CITT Special Advisor in attendance: *Marianne Venieris Gastelum*

Staff in attendance: *Alix Traver, Marisa Eide*

Tom O'Brien called the meeting to order. There was not a quorum so the minutes could not be approved.

Tom introduced Marisa Eide who was recently hired as his assistant. She will be working with the CITT Policy & Steering Committee as well.

Events/Announcements

- LATC Executive Speakers Series (Jon Slangerup), July 14, 11:30 am
- Transportation Night at Universal Studios, September. 12, 3 pm-Midnight
- UCLA Lake Arrowhead Symposium on the Transportation – Land Use – Environment Connection, October 18-20
We will circulate the program and scholarship information. Let Tom know if any committee members would like to attend.
- CSULB College of Business Administration Josh Owen Scholarship
This is an endowment sponsored by the CBA as he was very involved with their college. We will circulate information about this additional opportunity to honor Josh Owen.

CITT P&SC Roster

O'Brien contacted Eric Shen, MARAD, and he would like to be involved with the CITT Policy & Steering Committee as an advisor, similar to the arrangement with Rick Backlund. Without a quorum, there could be no vote this evening. We will either take a vote online or at the next meeting.

CSULB/CBA's Dr. Ingrid Martin respectfully declined our invitation to join the P&S Committee due to her heavy course load. We are still waiting for another suggestion from CBA.

CITT Updates

CITT continues to work on rebranding. One focus group convened and provided valuable input. O'Brien shared our newest GLS brochure.

The Master of Science in Supply Chain Management will launch in the fall. Twenty two students have been accepted so far with a large contingency of international students.

The Principles of Supply Chain classes continue. Dan Gardner is doing another revision to the curriculum and will teach classes in August and September. The plan is also to develop an online class.

CITT continues to work with the Port of Long Beach and Long Beach Unified School District on the academy.

GLS Graduation is on July 1. A new cohort of GLS starts in early July.

METRANS Updates

The May 20th METRANS Industry Outlook event, "The Future Transportation Professional: A Panel Discussion," was another successful event. The video and photos of the event are available at <http://www.metrotrans.org/industry-outlook>.

Along with the over 120 abstracts we have received for presentations for the METRANS International Urban Freight Conference (I-NUF), there will also be several spotlight panels and keynote speakers. We will be working on sponsorships soon. METRANS Associates Partners are included as sponsors and will be contacted soon regarding their complimentary registrations under their sponsorship. The site tour will be a bus tour that will include visiting Middle Harbor.

METRANS will host the 2016 CUTC Summer Meeting at USC.

As part of METRANS, MetroFreight is a Volvo Research and Educational Foundations (VREF) Center of Excellence (CoE). VREF personnel have scheduled a site visit here in October, which will include meeting with a variety of our partners, members of our advisory board, etc.

Southwest Transportation Workforce Center (SWTWC) Update

The first virtual meeting of the SWTWC Steering Committee was held on June 25. The Nation Builder project was launched.

2016 CITT Town Hall

The Committee members discussed the idea of having the event in the evening with an afternoon workshop. Domenick Miretti thought that the executive board members of ILWU Locals 13, 63, and 94 would be a good source of workshop attendees. There were suggestions to bring CARB, AWMD, SCAG, and even small businesses and the community to participate. The idea would be to bring the results of the workshop to the evening event. We would have a VIP Reception that would include the workshop attendee so that they could segue from one event to the other.

The discussion focused on the type of deliverables that would come from the afternoon workshop. One way to present the outcome might be to utilize Gen Giuliano's "talent" of summarizing. We would want to avoid the idea that the experts from other places are telling us what to do but rather focus on the sharing of ideas.

Various Town Hall topics were discussed, including the policies that create challenges and innovations (technology, operations, policy), explaining big ships and their ramifications, solutions, etc.

O'Brien asked the Committee, "What questions would you like answered at this event?" Rich Dines suggested, What does the future hold? Where am I in four years? How does it affect my job? Miretti suggested that we ask longshore, What will things look like in five years? Where are we going?

The Committee also discussed our audience, not who has it been but who do we want it to be? Our unique audience has been longshore.

Possible venues were also discussed. The Carpenter Center has been the venue for many years—its capacity is 1100. For another idea, Dines suggested the ILWU Local 13 Memorial Association; he thought it would hold as many as 1500. It was mentioned that it would be good to hold the workshop on campus to emphasize our impartiality.

For future meetings, we will send/discuss a list of innovations, ideas for specific content, and look into off-campus venues.

Next Meeting

The next meeting will be a conference call on Tuesday, September 29, 8:00-9:00 am.

These minutes were submitted by Alix Traver and Marisa Eide.



CITT Policy and Steering Committee Meeting August 25, 2015

CITT Members and Alternates in attendance: *Gen Giuliano, Mark Hirzel, CJ Nord, Rich Dines, Domenick Miretti, Tom O'Brien, Connie Rivera, Elizabeth Warren, Tyler Reeb, and Rick Backlund (on the phone)*

Staff in attendance: *Alix Traver and Marisa Eide*

Tom O'Brien called the meeting to order. There was not a quorum so the minutes could not be approved.

Tom introduced Tyler Reeb as CITT's new Director of Research.

Events/Announcements

- UCLA Lake Arrowhead Symposium on the Transportation – Land Use – Environment Connection, October 18-20
 - We will circulate the program and scholarship information. Let Tom know if any committee members would like to attend.
- 2015 Connie Awards – Renaissance Long Beach Hotel, October 29, 5:30pm
- LATC Executive Speaker Series Keynote – Noel Massie, UPS District President, Old Ranch Country Club – October 13, 9pm
- FuturePorts Annual VIP Reception – FuturePorts members only – November 19th, 5pm

CITT P&SC Roster

We will send out an email to vote on Eric Shen to be added as an adviser to the P&SC. Dean Michael Solt has been added as an adviser with Dr. Omer Benli as his alternate.

CITT Updates

Breauna Lewis is the newest addition to CITT staff. She is working alongside Angeli as our Program Specialist.

MSSCM classes have started with 32 accepted students and about 26-28 actually starting the class. About half of those are international students.

The week-long externship training with the Port of Long Beach and Long Beach Unified School District was successful. Teachers were matched up with industry mentors. The Port was very happy with the project.

METRANS Updates

Giuliano reported on reauthorization. The I-NUF Conference will coincide with a site visit from the Volvo Research and Educational Foundations (VREF). VREF will attend

I-NUF, attend presentations that relate to their projects, and meet with students, industry partners, etc. We are still seeking sponsors – Watson Land Company will sponsor. For additional information about I-NUF, see the website www.metrans.org.

Southwest Transportation Workforce Center (SWTWC) Update

Tyler Reeb reported on the update on the SWTWC. He has nearly completed the steering committee—there are 18 to 20 on the list as of now.

2016 CITT Town Hall

There was a great deal of discussion on the focus, location, and concept. The Committee continued discussing the possibility of a two-part event. The first part would be an invitation-only roundtable on innovative solutions to port and port-related challenges from different parts of the world. The second part would be a more traditional town hall where panelists who had taken part in the first session could talk about possible solutions and their applicability in other locations. Another topic discussed was what works and what doesn't. The committee discussed the subject of CEQA—how is CEQA affecting efficiency of transportation infrastructure and freight movement. The committee wants to focus on solutions—making CEQA work for the supply chain.

Next Meeting

The next meeting will be a conference call on September 29.

These minutes were submitted by Alix Traver and Marisa Eide.



CITT Policy and Steering Committee Meeting September 29, 2015

CITT Members and Alternates in attendance: *Thomas O'Brien, Rick Backlund, Omer Benli, Anastasios Chassiakos, Rich Dines, Gen Giuliano, Michele Grubbs, Alan McCorkle, Domenick Miretti, CJ Nord, Don Snyder, Michael Solt, Elizabeth Warren*

Staff in attendance: *Alix Traver, Tyler Reeb, Marisa Eide, Marianne Venieris Gastelum, and Dave Kelly*

Tom O'Brien called the meeting to order. There was not a quorum so the minutes could not be approved.

Events/Announcements

- November 7 – Party at CJ Nord's house – more information to follow

CITT P&SC Roster

Eric Shen has been added as an adviser to the P&SC.

CITT Updates

6 workshops with LBUSD – calling on industry partners to help

METRANS Updates

Giuliano reported on reauthorization. The I-NUF Conference will coincide with a site visit from the Volvo Research and Educational Foundations (VREF). VREF will attend I-NUF, attend presentations that relate to their projects, and meet with students, industry partners, etc. We are still seeking sponsors – Watson Land Company will sponsor. For additional information about I-NUF, see the website www.mettrans.org.

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2016 CITT Town Hall

There was a great deal of discussion on the focus, location, and concept. Another topic discussed was what works and what doesn't. The committee discussed the subject of CEQA—how is CEQA affecting efficiency on transportation infrastructure and freight

movement. The committee wants to focus on solutions—making CEQA work for the supply chain. The plan will be to do an abstract of the concept.

Next Meeting

The next meeting will be October 27, at the CITT Office, 6-7:30 pm.

These minutes were submitted by Alix Traver and Marisa Eide.