



NTTD Conference Program, Chattanooga, TN October 7-11, 2018

Sunday, October 7, 2018

3-5 pm	NTTD Executive Committee Meeting - Signal Mountain Room <i>(all members are welcome)</i>
4-6 pm	Conference Registration - Mezzanine
5:30 – 7pm	Welcome reception and networking event – Plaza C <i>(dinner on your own)</i>

NTTD Conference Program

Monday, October 8, 2018

8:00am	Continental breakfast and coffee – Plaza AB Registration all day
9:00am – noon (with coffee break)	Workshop 1: Implementing UAS Technology into Operations at Transportation Organizations–Plaza AB <i>This workshop, led by the University of Vermont UAS Team will draw on the experiences of implementing UAS technology into three state DOTs. See full description below.</i>
12:00pm– 1:00pm	LUNCH – East/West <i>Exhibits open</i>
1:00pm – 1:30pm	Welcome and opening remarks –Plaza AB -Chattanooga City Mayor Andy Berke -NTTD President Ryan Simpson
1:30pm- 2:00pm	Introduction to Conference Technology and the Goose Chase exercise - a Conference wide scavenger hunt, and training tool demonstration (really) – Garrett Wheat – Plaza AB
2:00pm – 3:00pm	Why learning shouldn't stop and start with compliance: Three ways you should be using your LMS beyond compliance (presented by Dr. Tom Tonkin, Principal Consultant, Advisory Services for Cornerstone OnDemand).-Plaza AB <i>In this session, Dr. Tonkin addresses the top three areas that you can immediately use your new LMS to achieve expense-free results. Success stories, lessons learned and a trial opportunity will be shared to get you down the right path.</i>
3:00pm – 3:20pm	Break with Sponsors and Exhibits - Plaza C
3:20pm – 4:00pm	State Sharing – Colorado Highway Maintenance Management program – Plaza AB <i>Colorado DOT (Kevin Macvitte) & Front Range Community College (Nicholas Spezza)</i>
4:00pm-4:30pm	State Sharing- Kansas- Why Choosing the Right Learning Management System Does Make a Difference (Sherry Petrie-Fitzgerald, the Organizational Development Manager from the Kansas Department of Transportation & Brian Wachsberger, CEO LearnSoft) Plaza AB
4:30pm-5:30pm	NTTD Strategic Partners – News and Update- Plaza AB - National Highway Institute (NHI) - Stacey Jones - Transportation Curriculum Coordinating Council (TC3) – Katheryn Malusky - National Local Technical Assistance Program Association (NLTAPA)-Donna Shea - National Network for the Transportation Workforce (NNTW)-Stephanie Ivey
5:30pm – 7:00pm	Sponsor Reception: Dessert before Dinner –Tennessee River Room <i>(dinner on your own)</i>



NTTD Conference Program Tuesday, October 9, 2018

8:00am	Continental breakfast and coffee - Exhibits open all day – Plaza AB & C Goosechase exercise update
9:00am – 9:30am	Member Program Shares – Plaza AB 1. The Tennessee Department of Transportation’s (TDOT) TRAC Program. Highlights of an educational outreach program for grades 6 – 12 (AASHTO’s TRAC program) <i>Paige Harris TDOT</i> 2. How states are using TC3 – An overview of how a few states, including ND and VT, are using the State Sharing part of TC3 and the AASHTO LMS to meet their training needs. <i>Chris Padilla from North Dakota State University; Chris Young TX DOT.</i>
9:30am-11:00am	Panel Presentation: TDOT Reconnect Program – Plaza AB The Tennessee Department of Transportation’s (TDOT) Reconnect Program is an 18-month program designed for TDOT employees with no post-secondary education experience. <i>Ryan Simpson, TDOT Human Resources & TDOT Reconnect Team</i>
11:00am - noon	NTTD Keynote Presentations: Plaza AB Saving Lives & Saving Money, TDOT Training: Saving Lives & Saving Money Lyndsay Botts , Deputy Commissioner/Chief of Staff & Joseph Galbato III , Deputy Commissioner/Chief Financial Officer, Tennessee Department of Transportation <i>A discussion of the high stakes and determination of training TDOT’s Emergency Response Team (Strike Force) and the pragmatism of cross-training and continuing education after a Top to Bottom reorganization.</i>
12:00pm– 1:15pm	Lunch – East/West
1:15pm – 2:45pm	NHI: From Presenter to Trainer: Building Training Capacity in your Organization – Plaza AB This interactive session focuses on the distinctions between presenting and training, and explores why those distinctions are critical in preparing and supporting a qualified and competent workforce. <i>Vanessa Almony and Stacey Jones, NHI</i>
2:45pm-3:15pm	Break with Sponsors and Exhibits Plaza C
3:15pm – 4:30pm	Implementing Technology in the classroom to increase learner engagement – Plaza AB <i>Garrett Wheat, LA</i>
4:30pm – 5:00pm	Member Program Shares – Plaza AB Video Content Management for Training Support. <i>Avery Poor, Manager, TDOT</i>
5:30pm – 8:00pm	NTTD Annual Reception and Dinner - Rotunda Featured Speaker: Dr. Mina Sartipi (UT Chattanooga) Data-Driven Urban Mobility University of Tennessee Chattanooga Urban Science and Technology Program Leader, SimCenter Program Leader, Center for Urban Informatics and Progress (CUIP)



NTTD Conference Program Wednesday, October 10, 2018

8:00am	Continental breakfast and coffee - Exhibits open all day – Plaza AB Goosechase exercise update
9:00am – 10:00am	NTTD Annual Meeting: 2019 Conference announcement; Report on organizational priorities, election of officers. (Plaza AB)
10:00am-10:30am	<i>Coffee with Sponsors and Exhibits – Plaza C</i>
10:30am - noon	Planning and Training for a Successful Future - Plaza AB. <i>We can create our agency's future based on needs or we can let the future control our agency. By implementing development programs for employees, supervisors, managers, and leaders, DOTs can potentially establish their own futures. ALDOT will discuss two programs: Employee Development Program and Leadership Academy. Maxine Wheeler Alabama Department of Transportations.</i>
12:00pm– 1:15pm	LUNCH – East/West
1:15pm – 2:15pm	Cooperation Pays: LTAP & DOT Training Program models for cooperation and coordination –Plaza AB Key attributes of what makes a cooperative relationship work well. Donna Shea (CT), Martha Horseman (KY), Chris Padilla (ND), Terri Nihil (NE).
2:15-2:45	BREAK with Sponsors and Exhibitors – Plaza C
2:45pm-4:30pm	Supporting Emerging Leaders: Refresh your approach to organizational leadership training – Plaza AB <i>This presentation will explore the process of researching, developing, and growing leadership development programs for emerging leaders. Two complimentary programs will be showcased. Colleen Montague, Vermont Agency of Transportation (VTrans) Tony Loomer, Idaho Transportation Department.</i>
4:30pm – 5:00pm	Goosechase Finale and Prizes; Preview of Thursday Workshop - Plaza AB
5:00pm – 6:30pm	Networking Reception – Tennessee River Room
	Dinner on your own



NTTD Conference Program Thursday, October 11, 2018

8:00am	<i>Continental breakfast and coffee Plaza AB</i>
9:00am – noon (with coffee break)	<i>Workshop 2: Innovative Solutions to Transportation Training Challenges - Plaza AB</i> <i>The workshop will generate ideas, projects, and products that iCube resources (training, virtual reality, and marketing campaigns) can be used to demonstrate new approaches to solving problems, relevant to any Department of Transportation in the country, based on the experience in working with TDOT. See full description below.</i>
Noon	<i>NTTD 2018 Conference Concludes Travel Safely, Enjoy Chattanooga. Many thanks to our Tennessee hosts. See you in Vermont in 2019!</i>

WORKSHOPS & Conference Presentations

Workshop I (Monday October 8th, 9-noon)

Implementing UAS Technology into Operations at Transportation Organizations

Unmanned Aircraft Systems (UAS) technology are revolutionizing many types of DOT operations, from inspecting bridges to mapping rights-of-way. Effective use of UAS technology goes far beyond buying and flying a drone. This disruptive technology can challenge organizations in multiple ways. The expansive volumes of data that drones can acquire can tax IT infrastructure, personnel must have the requisite GIS and CAD skills to make use of many of the data products, and regulatory hurdles can slow implementation. Despite all the promising of revolutionizing operations, DOTs may find that implementing UAS technology actually costs them more money in the short term. This workshop, led by the [University of Vermont UAS Team](#) will draw on the experiences of implementing UAS technology into three state DOTs. Participants will gain an in-depth understanding of not only UAS platforms and sensors, but the associated data processing, data management, human resource, and organizational implications of adopting UAS technology.

Jarlath O'Neil-Dunne is the Director of the University of Vermont's (UVM) Spatial Analysis Laboratory (SAL). His work focuses on extracting meaningful information from remotely sensed data to help managers make more informed decisions. Jarlath leads the University of Vermont Unmanned Aircraft Systems (UAS) team, which has carried out over 500 missions in support of various transportation, natural resource, and disaster response projects over the past 6 years.

Workshop II (Thursday, October 11, 9-noon)

Innovative Solutions to Transportation Training Challenges

iCube, a center at [Tennessee Tech University](#), utilizes virtual reality, marketing, public policy campaigns, and app development to create innovative solutions for traditional problems. In a close partnership with Tennessee DOT (TDOT), *iCube* is currently taking TDOT training materials across multiple departments and combining them into a digital, unified system. This systems approach will be previewed in the presentation, and *iCube* will showcase other projects created for clients in the traffic safety realm. The workshop will generate ideas, projects, and products that *iCube* resources (training, virtual reality, and marketing campaigns) can be used to demonstrate new approaches to solving problems, relevant to any Department of Transportation in the country, based on the experience in working with TDOT. Take of [tour](#) of *iCube* capabilities in advance of the conference.

Speakers and Biographies

Tuesday 11a-noon:



Lyndsay Botts

Deputy Commissioner/Chief of Staff
Tennessee Department of Transportation

Lyndsay Botts is the Deputy Commissioner and Chief of Staff for the Tennessee Department of Transportation (TDOT). Lyndsay joined TDOT in 2011 as the Director of the Communications Division and then was selected by Commissioner John Schroer as his Chief of Staff, where she serves as the Commissioner's senior advisor and strategist, working to coordinate and execute his strategic vision for the Department. Lyndsay directs the TDOT legislative team and works with the

General Assembly and other stakeholders to promote the Department's policy positions and to meet the Administration's legislative goals. She also leads the strategic development of internal and external communications and overall messaging for the Department. Lyndsay's has a strong national network through her involvement with AASHTO (Commissioner Schroer is the current AASHTO president), and has built an effective network of professional relationships throughout Tennessee, developed in part by regularly travelling to all 95 counties with the TDOT senior leadership team in an effort to strengthen the department's partnerships with communities. She is a 2018 graduate of *Leadership Tennessee*, a program comprised of proven leaders from across the state that focus on collaborating to effectively address complex issues facing Tennessee. Before joining TDOT, Lyndsay worked for U.S. Senator Lamar Alexander for eight years, serving as his Field Director for southeast Tennessee and Statewide Press Assistant. Lyndsay graduated from the University of Tennessee, Knoxville, where she earned a B.S. in Communications.

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Joseph Galbato III

Deputy Commissioner/Chief Financial Officer
Tennessee Department of Transportation

Joseph Galbato III is the Deputy Commissioner and Chief Financial Officer of the Tennessee Department of Transportation. Joe joined TDOT in October of 2011 as the first CFO in the department's history. His primary focus is to ensure TDOT is managed efficiently and with financial integrity.

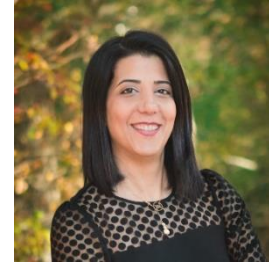
Joe is also the Chief of the Administrative Bureau which oversees Central Services, Finance, Human Resources, Information Technology, Civil Rights, Strategic Planning, Internal Audit, and the Governor's Highway Safety Office. Joe works with fellow Bureau Chiefs to manage an annual budget of 2 billion dollars of transportation projects as well as internal department spending. He plays a vital role in maintaining TDOT's status as one of five debt free transportation departments in the US. In an effort to make TDOT stronger financially to deal with federal uncertainty, Joe has strengthened financial control regarding cost overruns to put the department in a very favorable cash position. He has also spearheaded a cash forecasting discipline to safeguard TDOT's assets. On a national level, Joe is an active member of AASHTO (American Association of State Highway and Transportation Officials). He serves on the following 3 committees: Funding/Finance, Administration, and Transportation Policy. Prior to joining TDOT, Joe was the Chief Financial Officer for several Nashville area companies including Alive Hospice, HCCA International and Envoy/WebMD.



Tuesday Dinner Keynote:

Dr. Mina Sartipi

University of Tennessee Chattanooga Urban Science and Technology, SimCenter, & Center for Urban Informatics and Progress (CUIP)



Dr. Mina Sartipi is a UC Foundation Professor at the Department of Computer Science and Engineering at the University of Tennessee Chattanooga. She is also the director of the Center for Urban Informatics and Progress (CUIP), where she engages experts from across the statewide UT system in cross-disciplinary research into solutions to urban challenges. Dr. Sartipi joined UTC in 2006 following conferral of the PHD in Electrical Engineering from Georgia Tech. Her research interests are on smart applications and intelligent systems to tackle the real-world challenges in mobility, energy, and healthcare. Her research is funded by NSF, NIH, THEC, and industry. Dr. Sartipi was awarded the IEEE Senior membership in 2016. She has a number of invited papers, journal papers, and professional conference presentations. In her spare time, she enjoys traveling and outdoor activities including hiking and rock climbing with her family.