

2018 New Mexico Transportation and Construction Conference



**"Transformative Technologies for
Transportation Infrastructure"**

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STATE**

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New Mexico State University
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Wednesday, April 18th—Friday, April 20th

2018 NM TransCon Keynote Speaker



Dr. Chip Espinoza
Director
Concordia University

Dr. Chip Espinoza is the Director of the Organizational Psychology program at Concordia University Irvine and he was recently named a top 15 global thought leader on the future of work by the Economic Times.

Espinoza co-authored: *Managing the Millennials: Discover the Core Competencies for Managing Today's Workforce*, *Millennials@Work: The 7 Skills Every Twenty-Something Needs To*

Achieve Greatness At Work, and *Millennials Who Manage: How To Overcome Workplace Perceptions and Become A Great Leader*.

Espinoza keynotes internationally and across the country on how to create an environment in which managers and Millennials can thrive. Espinoza is a leading expert on the subject of generational diversity in the workplace. He consults in the civic, corporate, and non-profit sectors. His client list features great organizations like The Boeing Company, Microsoft, Schneider Electric, and Special Olympics.

Espinoza has authored several articles on the subject of leadership and is the go-to person for news agencies on the topic of integrating younger workers into organizations. He is a content expert for CNN on the subject of generational diversity in the workplace. He has also been featured on Fox News, CBS Radio, and in major publications.

2018 NM TransCon Conference Agenda

Wednesday, April 18th

9:00 am	Registration & Vendor Displays	
12:30 pm	Welcoming Remarks	Exhibit Hall
	NMSU, ASCE, NMDOT, ACNM, FHWA, APA, and ACEC	
1:45 pm	State and Federal Outlook	Exhibit Hall
	<ul style="list-style-type: none">♦ Tom Church, NMDOT Cabinet Secretary♦ Don Martinez, FHWA New Mexico Division Administrator♦ Kristina L. Swallow, ASCE President	
3:15 pm	Break <i>Coffee and Snacks Provided</i>	
Track A	Ballroom 1	Track B Ballroom 2
3:30 pm	ACNM: Pavements <i>Moderated by Mo Moabed</i> <ul style="list-style-type: none">♦ Asphalt Cracking <i>Soheil Nazarian, UTEP</i>♦ Intelligent Machine Control <i>Armando Najera & Glenn Megehee, Komatsu SW</i>♦ Cold Central Plant Recycling <i>Richard Steger, Ingevity</i>	3:30 pm APA: How to Plan for Better Engineering <i>Moderated by Andy Hume</i> <ul style="list-style-type: none">♦ Linking Planning and Engineering <i>Denise Aten & Aaron Sussman, Bohannon Huston Inc.</i>♦ Las Cruces Active Transportation Plan <i>Srijana Basnyat, City of Las Cruces</i>♦ Freight Transportation Regulatory Planning Challenges in Border Communities <i>Rafael Aldrete, TTI</i>
5:00 pm	Adjourn	

Thursday, April 19th

7:30 am	Vendor Displays- Coffee Provided			
Track A	Ballroom 1	Track B	Ballroom 2	
8:30 am	ASCE/APA: Urban Development- Putting the Pieces Together <i>Moderated by Andreas Linnan</i> <ul style="list-style-type: none"> ♦ Economic Benefits <i>Andy Hume, APA</i> ♦ Local Collaboration & Economic Development <i>Andrew Gallegos, WH Pacific</i> ♦ Sustainability—Envision Rating of I-25/University Interchange <i>Jerry Paz, Molzen Corbin</i> 	8:30 am	ASCE: NMDOT Planning and Asset Management Projects <i>Moderated by Ross Lujan</i> <ul style="list-style-type: none"> ♦ Updates on Statewide Planning Bureau Projects <i>Jessica Griffin, NMDOT</i> ♦ Transportation Asset Management Plan Update <i>Tamara Haas, NMDOT</i> ♦ Prioritized Statewide Bicycle Network Plan Update <i>Wade Patterson, NMDOT</i> 	
10:15 am	NMDOT/FHWA: Dust Storm Mitigation <i>Moderated by Max Valerio</i> <ul style="list-style-type: none"> ♦ I-10 Dust Mitigation/Safety Projects <i>Aaron Chavarria, NMDOT</i> ♦ I-10 Dust Mitigation Phased Strategies <i>Trent Botkin, NMDOT</i> ♦ Biogeotechnical Strategies for Mitigation of Fugitive Dust <i>Nassar Hamdan, ASU</i> 	10:15 am	ASCE: Grand Challenge <i>Moderated by Kristina Swallow</i> <ul style="list-style-type: none"> ♦ The ASCE Innovation Contest <i>Maria Lehman, ASCE Industry Leaders Council</i> ♦ Imaging of Subsurface Utilities <i>Larry Stolarczyk, Stolar Imaging</i> ♦ Sinkhole Identification <i>John Lommler, Wood, and Lewis Land, National Cave and Karst Research Institute</i> 	
Noon	Lunch Exhibit Hall Key Note Address <i>Chip Espinoza, Ph. D, Concordia University</i> Scholarships/Awards/Recognitions			

Thursday, April 19th

1:30 pm Break			
Tract A	Ballroom 1	Tract B	Ballroom 2
1:45 pm	<p>ASCE/APA: Utilization of GIS Data in Planning and Preliminary Design</p> <p><i>Moderated by Andy Hume and Andreas Linnan</i></p> <ul style="list-style-type: none">♦ Part I <i>Robert Dzur, Bohannon Huston, Inc., Timothy Pitts, City of Las Cruces, Scott May, NMDOT</i>♦ Part II <i>Paul Dugie, Bohannon Huston, Inc., John Gwynne, DAC FC, Robert Czerniak, NMSU and Mark Marrujo, NMDOT Survey & Lands</i>	1:45 pm	<p>NMSU: New Technologies and Research</p> <p><i>Moderated by David Jauregui</i></p> <ul style="list-style-type: none">♦ UHPC Bridge Systems and Overlays <i>Brad Weldon, Craig Newton, NMSU</i>♦ Bio-inspired Geo-probe for Near Surface Geotechnical Testing <i>Douglas Cortes, NMSU</i>♦ Health Impact of Departure Time and Location of Patients Transported Across the International Border—Case Study of El Paso—Ciudad Juarez <i>David Salgado, TTI/NMSU</i>♦ Instrumentation and Monitoring of Transportation Infrastructure <i>Derrick Dasenbrock, Minnesota DOT</i>
3:15 pm Break			

Thursday, April 19th

Tract A		Ballroom 1	Tract B	Ballroom 2
3:30 pm	NMDOT/FHWA/ASCE: Intelligent Transportation Systems <i>Moderated by Peter Martin</i> <ul style="list-style-type: none">♦ Connected and Automated Vehicles, <i>Charles Remkes, NMDOT</i>♦ Transportation Infrastructure Needs for CAVs <i>Tim Brown, NMDOT</i>♦ Binational Transportation Models under Saturation Conditions– A Case Study of the Paso del Norte Region <i>Jeff Stelton, TTI</i>		3:30 pm	APA: Infrastructure Financing at the State and Local Levels <i>Moderated by Gabriela Contreras-Apodaca</i> <ul style="list-style-type: none">♦ Local Funding Opportunities for Infrastructure Development <i>Andy Hume, APA</i>♦ State Transportation Improvement Program <i>Rebecca Maes, NMDOT</i>♦ Sustainable and Equitable Financing for Pedestrian Infrastructure Maintenance <i>Gregory Rowangould, UNM</i>
6:00 pm	NM TransCon Social All Guests Invited Dinner Provided, with music			Exhibit Hall

Friday, April 20th

7:00 am	Breakfast	Exhibit Hall
8:00 am	NMSU/APA: Student Poster Competition <i>Moderated by Paola Bandini and Andy Hume</i> Students from New Mexico Universities and Colleges will present posters about their research and capstone projects in the areas of transportation infrastructure and construction, urban planning, and environmental- and water-related aspects of transportation. Prizes to best poster presentation will be awarded.	Exhibit Hall
9:30 am	Break	
9:45 am	NMSU: Engineering Ethics <i>Dr. J. Phil King</i> In July 2017, the ASCE Board of Directors voted unanimously to adopt an 8th Canon (Treat All Persons Fairly) for the ASCE Code of Ethics. The canon states that “engineers shall, in all matters related to their profession, treat all persons fairly and encourage equitable participation without regard to gender or gender identity, race, national origin, ethnicity, religion, age, sexual orientation, disability, political affiliation, or family, marital, or economic status.” A group of panel members will discuss this canon in an interactive format with the audience.	Exhibit Hall
11:45 am	Closing Remarks	

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