

# TEXAS TECH

UNIVERSITY®

Region 5 Presents:

# RLDC

# 2017

# Guidebook



# SHPE

March 31st - April 2nd





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## UNLEASHING THE POWER OF COLLECTIVE WISDOM

Inclusion drives innovation. It's that simple. At Capital One®, we're building a culture where every voice is heard, where each individual contribution matters. Our diverse perspectives help us bring ingenuity, simplicity, and humanity to an industry ripe for change.

# RLDC5 Planning Committee

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## Professional Team

<u>James Narey</u> Director: RLDC5 Professional Chair	<u>Jasmine Roldan</u> Manger: Professional Track
<u>Erika Murrilo</u> Director: Professional Corporate Relations	<u>Adrian Puga</u> Manger: SHPE Jr. Track
<u>Juan Hernandez</u> Director: Logistics	<u>Pablo Villa-Martinez</u> Manager: Professional Networking Social
<u>Lorena Louncil</u> Manager: Guest Speakers	<u>Samantha Dominguez</u> Director: Workshop Curriculum, Professional, Student, SHPE Jr Curriculum

## Student Team

<u>Elizabeth Moreno</u> RLDC5 Student Co-Chair	<u>Celisse Charles</u> Manager: Career Fair	<u>Cristian Millares</u> Manager: Awards Banquet
<u>Jeremy Salazar</u> Director: Student Finance/Corporate Relations	<u>Nadia Martinez</u> Manager: Meals/Podium	<u>Miguel Vega</u> Manager: Facilities
<u>Isaac Osorio</u> Director: Logistics—Chair, Student	<u>Cindy Tzapin</u> Manager: Volunteers	<u>Jacob Martinez</u> Manger: Athletic Tournament
<u>Aaron Alvarez</u> Director: Workshop Curriculum-Student/SHPE Jr.	<u>Marco Moreno</u> Manager: Housing	<u>David Garza</u> Manager: Outreach Event/Academic Olympiad
<u>David Maldonado</u> Manager: Corporate Tours	<u>Omar Ortega</u> Manager: Registration	
	<u>Sergio Leija</u> Manager: Signage/Website	

## Region5 Leadership Team

Brianne Martin (RVP)	Abner Moreno (RGR)
Sofia Alacon (RSR)	Feranado Ceballos (RMD)



# HOTEL INFORMATION

## *Overton Hotel*

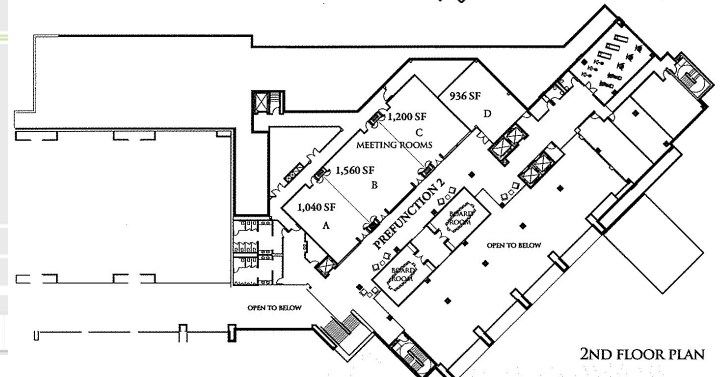
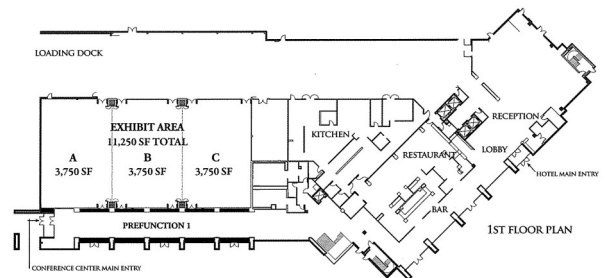
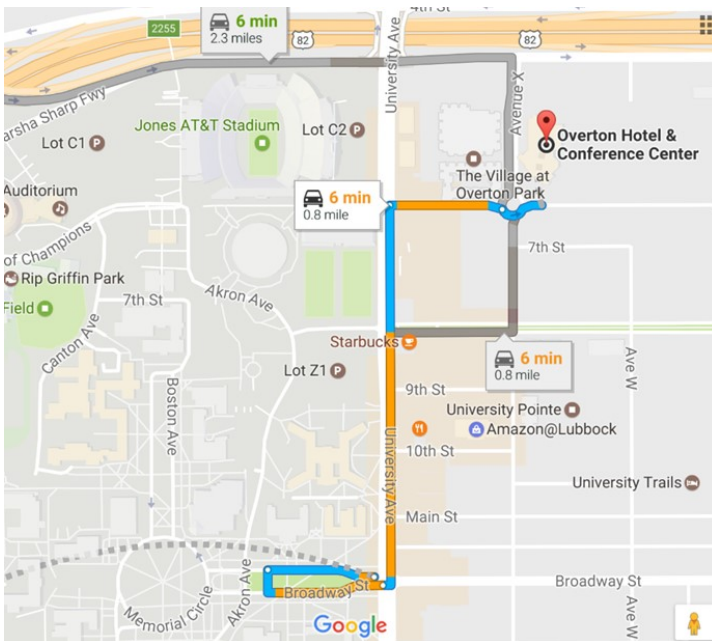
2322 Mac Davis Lane, Lubbock, Texas 79401

Ilulic & Conscience center

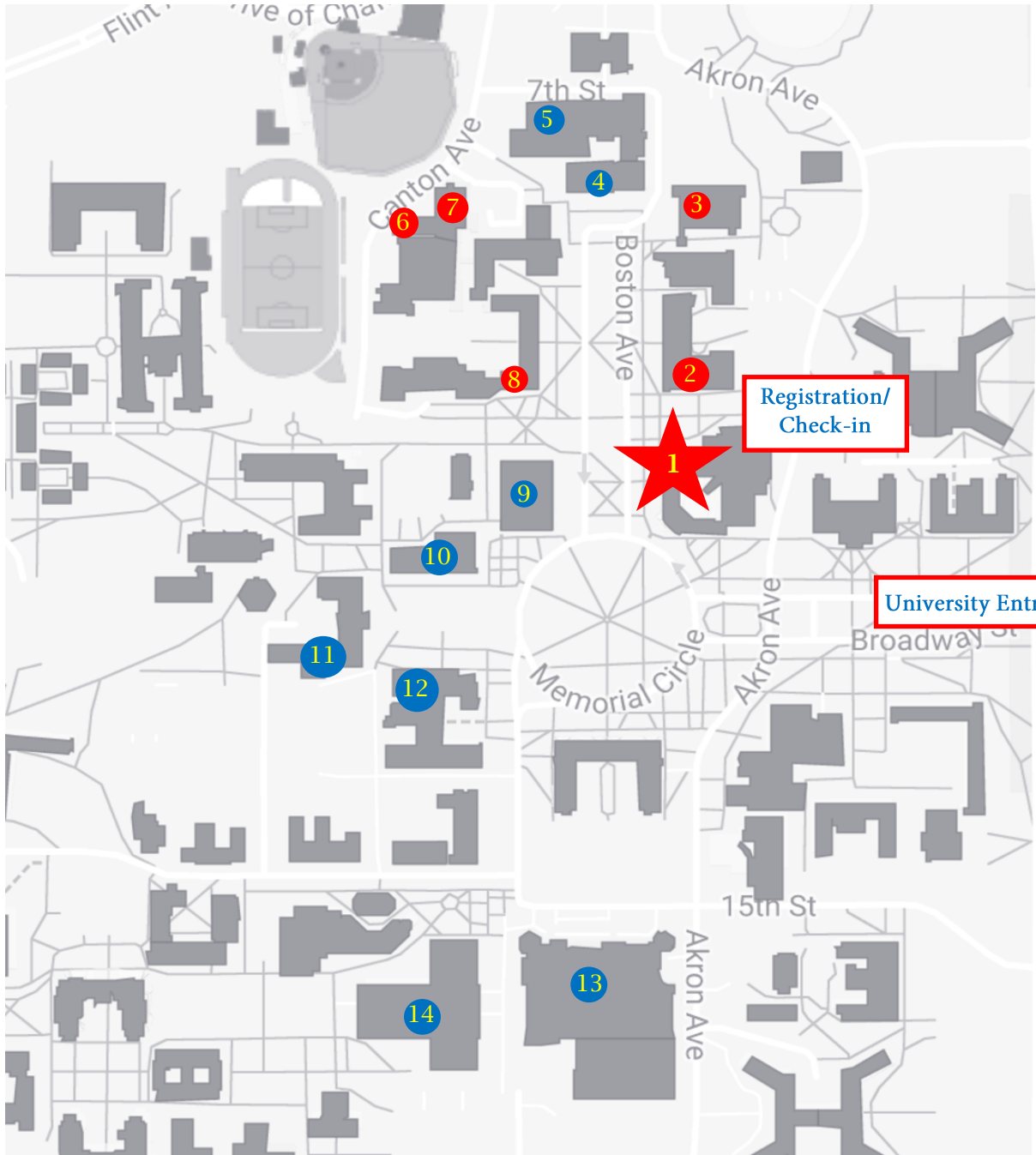
Telephone 806-776-7000

- Check in: Hotel Lobby
- **Transportation:** The Hotel offers complimentary self parking or valet parking for \$6.00/day. Complimentary airport transportation can be arranged by calling the Hotel Front Desk (806) 776.7000.
- **Amenities:** Complimentary Wireless Internet access, a full service Restaurant, The Pecan Grill and Lounge
  - Breakfast: not included

### MAP FROM CAMPUS ENTRANCE TO HOTEL:



# TEXAS TECH MAP



- |                                 |                           |                      |   |
|---------------------------------|---------------------------|----------------------|---|
| 1. <b>Holden Hall: CHECK-IN</b> | 5. Mechanical Eng. North  | 10. Mathematics      | Not shown: Student REC center                                   |
| 2. Civil Engineering            | 6. Chemical Engineering   | 11. Science: Physics | <span style="color: red;">●</span> Part of RLDC program         |
| 3. Petroleum Engineering        | 7. Livermore              | 12. Chemistry        | <span style="color: blue;">●</span> Popular Buildings on Campus |
| 4. Mechanical Eng. South        | 8. Electrical Engineering | 13. SUB              |   |
|                                 | 9. Maddox Research        | 14. Library          |   |



# PARKING AND TRANSPORTATION

Friday morning, please use Park-and-Pay stations conveniently located all over campus. Cost: \$1.50/hr or \$9.00/day. **Weekdays from 8 p.m. to 7:30 a.m. and on weekends, all parking is FREE** with a few exceptions: ADA spaces still require a placard or plate; and avoid 24-hour spaces, such as residence hall lots and service vehicle spaces. **There will be shuttle busses provided** as well.

Friday: Shuttle to tours, shuttle to campus from hotel to Holden Hall, after 6pm shuttle will drop off out front of Rec Center.

Saturday: Shuttle van running continuous loop for Speakers/presenters







# TEXAS TECH MAIN CAMPUS

## ROUTES EFFECTIVE JAN. 2017

### Campus Stops

- A S.U.B. (Student Union Building)
- B Library / Wall Gates
- C Education
- D Media Communication
- E Student Wellness
- F B.A. (Business Administration)
- G Computer North C1
- H Holden Hall
- I Memorial Circle
- J Chitwood
- K Law School
- L Computer West
- M Computer Satellite S1
- N West Village
- O I.C.C. (International Cultural Center)
- Q Chemistry

### Double T Route

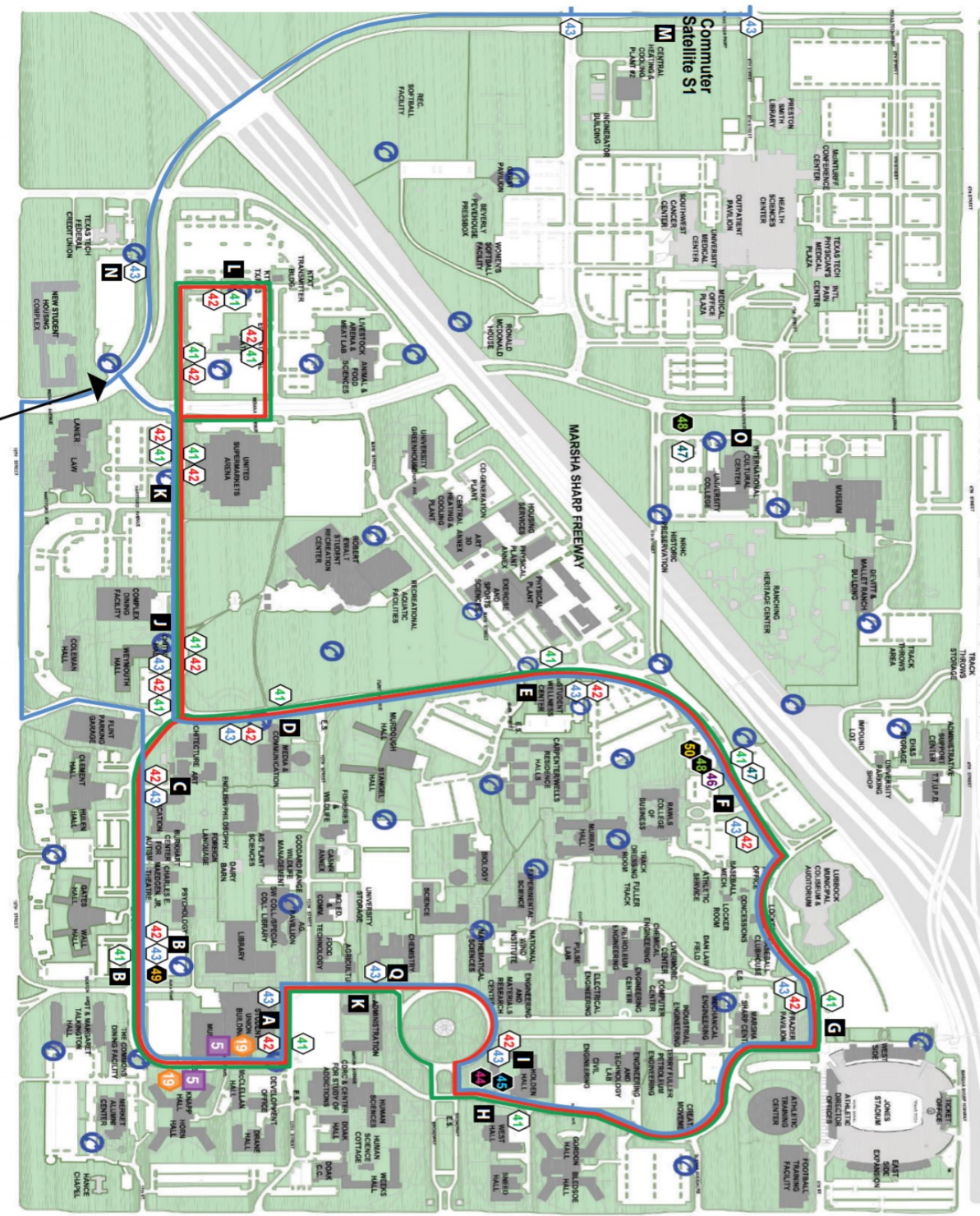
- 41 Circles campus, counter clockwise
- 42 Service every 6 minutes from 7:25 AM to 6:59 PM
- 43 Computer West
- 44 Law
- 45 Chitwood - Weymouth
- 46 Library / Wall Gates
- 47 S.U.B. (Student Union Building)
- 48 Holden Hall
- 49 Computer North
- 50 F.A. (Business Administration)
- 51 Student Wellness
- 52 Media Communications

### Red Raider

- 41 Circles campus, clockwise
- 42 Service every 6 minutes from 7:25 AM to 7:17 PM
- 43 Computer West
- 44 Law
- 45 Chitwood - Weymouth
- 46 Media Communications
- 47 Student Wellness
- 48 F.A. (Business Administration)
- 49 Computer North
- 50 Memorial Circle
- 51 A S.U.B. (Student Union Building)
- 52 Library / Wall Gates
- 53 Education

### Masked Rider

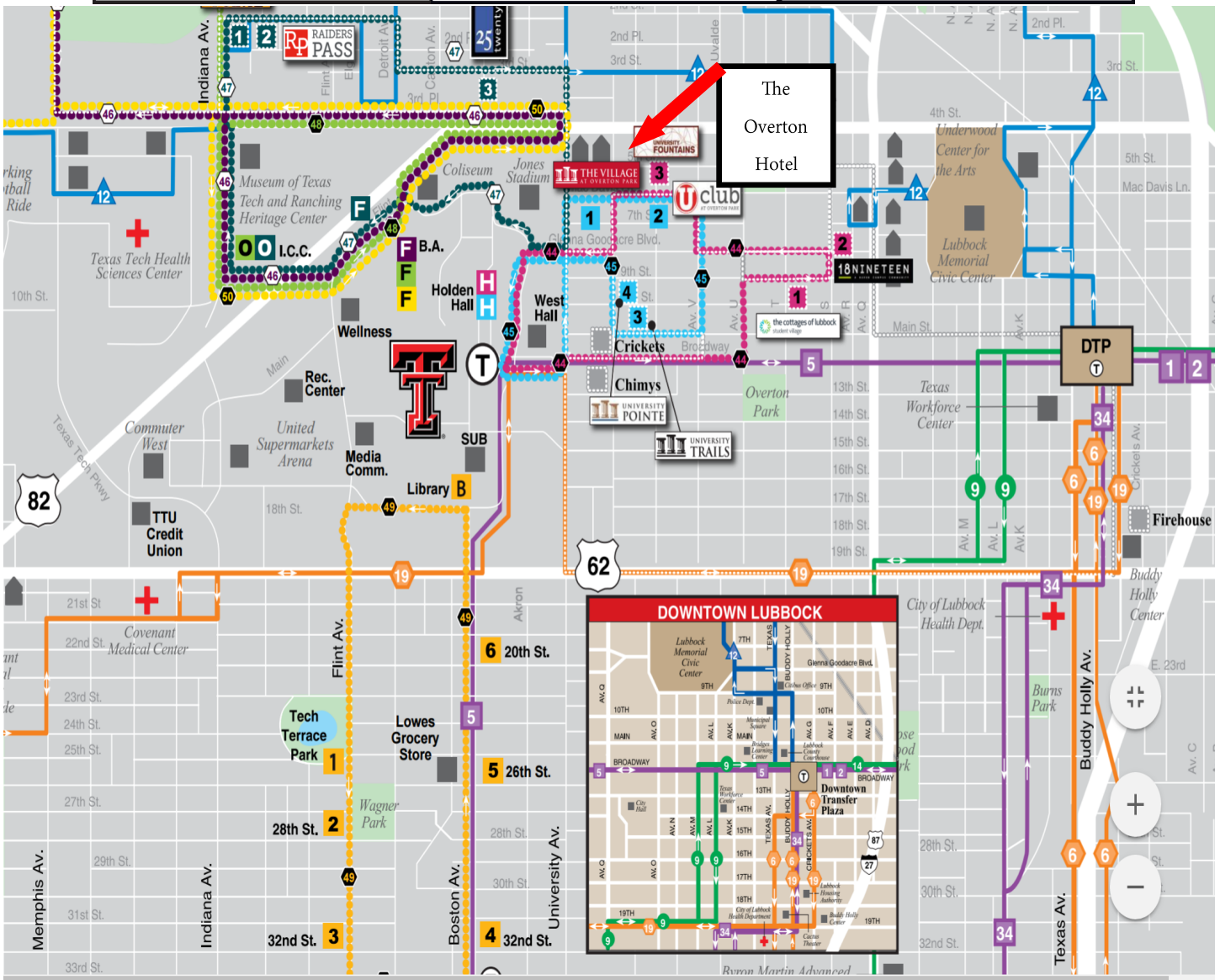
- 41 Circles campus, clockwise
- 42 Service every 6 minutes from 7:25 AM to 7:21 PM
- 43 Computer Satellite S1
- 44 West Village
- 45 Chitwood - Weymouth
- 46 Media Communication
- 47 Student Wellness
- 48 F.A. (Business Administration)
- 49 Computer North
- 50 Memorial Circle
- 51 Chemistry
- 52 S.U.B. (Student Union Building)
- 53 Library / Wall Gates
- 54 Education





# OFF CAMPUS BUS ROUTES

<p><b>44 Overton Park North</b> Service from 7:18 a.m. to 7:05 p.m. Every 6 minutes</p> <p>1 Cottages 2 18Nineteen 3 University Fountains</p> <p><b>Overton Park North</b></p> <p>NTOP 1 7:18 AM ————— 7:05 PM          NTOP2 7:24 AM ————— 5:59 PM          NTOP3 7:30 AM ————— 5:47 PM</p>	<p><b>45 Overton Park South</b> Service from 7:18 a.m. to 6:56 p.m. Every 10 minutes</p> <p>1 Village at Overton 2 U Club 3 University Trails</p> <p><b>Overton Park South</b></p> <p>STOP 1 7:18 AM ————— 5:46 PM          STOP 2 7:28 AM ————— 6:56 PM</p>	<p><b>47 North 4th</b> Service from 7:08 a.m. to 7:09 p.m. Every 7 minutes</p> <p>1 College Point 2 Raiders Pass 3 25 Twenty</p> <p>F B.A. O I.C.C.</p> <p><b>North 4th</b></p> <p>NF1 7:08 AM ————— 7:09 PM          NF2 7:15 AM ————— 5:31 PM          NF3 7:22 AM ————— 5:59 PM</p>
<p><b>48 North Indiana</b> Service from 7:05 a.m. to 7:12 p.m. Every 10 minutes</p> <p>1 The Republic at Lubbock 2 University Courtyard 3 Indiana Village</p> <p>O I.C.C. F B.A.</p> <p><b>North Indiana</b></p> <p>TN1 7:05 AM ————— 7:12 PM          TN2 7:15 AM ————— 5:52 AM          TN3 7:25 AM ————— 6:32 PM</p>	<p><b>49 Tech Terrace</b> Service from 7:25a.m. to 6:38 p.m. Every 6 minutes</p> <p>1 Tech Terrace Park 2 Wagner Park 3 32nd &amp; Flint 4 32nd &amp; Boston</p> <p>5 26th &amp; Boston 6 20th &amp; Boston B Library</p> <p><b>Tech Terrace</b></p> <p>T1 7:25 AM ————— 6:38 PM          T2 7:31 AM ————— 5:50 PM          T3 7:37 AM ————— 3:32 PM</p>	<p><b>50 West 4th Express</b> Service from 7:17 a.m. to 7:23 p.m. Every 15 minutes</p> <p>1 The Ranch 2 The Grove</p> <p>F B.A.</p> <p><b>West 4th Express</b></p> <p>WFE1 7:17 AM ————— 7:23 PM          WFE2 7:28 AM ————— 6:38 PM</p>



# WORKSHOP DESCRIPTIONS

Workshop	Description
<p>Networking Through Organizations Undergraduate Track Presenter: Chris Garza Company: Olin Corporation</p>	<p>Looking for new opportunities through organizations. Explore and join different organizations or committees that share common goals or interests. Volunteering and taking the lead can show just how determined and ready you are for the opportunity you have been looking for.</p>
<p>Professional Registration/Licensing and Certification Professional Track Presenter: David Howell, P.E. Company: TBPE</p>	<p>Texas Board of Professional Engineers – Licensure: General information on the Texas licensing requirements, the licensing process and guidance on how to apply; Updates on recent Board rule changes; General updates on initiatives the Board; Other information regarding the Board and the Texas Engineering Practice Act.</p>
<p>Master the Case Interview Undergraduate Track Presenter: Jeffrey "Jeff" Vales Company: Capital One</p>	<p>"Master the case Interview" is a chance for SHPE members to get inside scoop on how to master a case interview like a pro. Capital One Senior Manager of Process Management Jeff Vales leads a Dynamic discussion on how to take your interview skills to the next level.</p>
<p>Effective Leadership Undergraduate Track Presenter: Kristina Allen Representing: Americas Navy</p>	<p>Starting a new career can be stressful and difficult when goals are not clearly defined or set. Finding the right mentor and change that and set you on a course of success and becoming a mentor yourself. Live and learn and share the experience.</p>
<p>The 5 Satisfiers of Employment Undergraduate and Professionals Track Presenter: Bobby Balli Company: CP&amp;Y</p>	<p>Regardless of the profession, understanding what the typical satisfiers are in a job can help one do more to obtain satisfaction from their selected employer and/or career. If we enjoy what we do, we will be successful at what we do. The speaker shares his interpretation of the 5 Top Satisfiers of Employment through his experience of 17 years in the Municipal Engineering/ Public Works sector and 13 years in Private Engineering Consultancy.</p>
<p>Steps to Success with Career Goals Undergraduate Track Presenter: Chris Reily Company: Oncor Electric</p>	<p>This workshop will cover the 4 W's of goal setting: What, Why, When, and WIN to better prepare you for setting and achieving your career aspirations. Topics will also briefly cover the 80/20 rule and an action plan to effectively guide you to your goal.</p>
<p>Professional Success Through Innovation Undergraduate Track Presenter: Charles Parkhurst Company: Texas Instruments</p>	<p>You may know that being innovative is a key to being a successful engineer, but how do you get started? Learn from one of TI's top engineers how to innovate and have control over your career!</p>



<p>Project Management Bootcamp Professional Track Presenter: Dora Maria Abreu Company: Praizion Media, LLC</p>	<p>This PMP Bootcamp Workshop will give students an overview of the PMP Exam and the basics of the PMBOK Guide Fifth Edition (the standard on which the exam is based). Topics include: Understand project management basics, Understand the PMBOK Guide, What is the PMP Exam? The PMP Exam (A SHPE Member's Experience) How to prepare for the PMP Exam Core concepts across Time, Cost, Risk and Communications Management</p>
<p>Expand Your Brand Undergraduate Track Presenter: Mary Garcia Company: Lockheed Martin</p>	<p>Have you always wondered what to say in order to stand out from a crowd and get noticed by a potential employer? Learn how to network with and conduct yourself in front of employers. Ask an industry expert every question you have and get inside tips to landing your next opportunity.</p>
<p>Exploring Opportunities with State Undergraduate Track Presenters- Floyd Cable and Judy Torres Representing: Department of State</p>	<p>Come learn about careers with the U.S. Department of State! Whether you see yourself working overseas or in the States- we have a position for you. Come meet with the local Diplomat in Residence, Floyd Cable and Recruitment and Outreach Officer, Judy Torres as they present information about Foreign Service, Civil Service, and student programming.</p>
<p>Power of Latinas Undergraduate Track Presenter: Brianne Martin Representing: SHPE Regional</p>	<p>Being a Latina Pursuing a STEM degree is already difficult much less trying to learn how to navigate through the social and professional expectations to be successful. Join Latina in STEM veterans for a personal and professional boot camp to help keep you from subconsciously sabotaging your career and success. You will be put to work through key lessons from internationally best selling book "Nice Girls Don't Get the Corner Office". Invest yourself, be ready for corporate America, and step outside your comfort zone with fellow SHPEtinias in a safe, encouraging, and inspiring setting.</p>
<p>PDCA Problem Solving Training Professional Track Presenter: Nancy Mezo Company: Lockheed Martin</p>	<p>Provide tools, skills, and structure to make effective problem solves using the Plan, Do, Check, Adjust (PDCA) methodology. Everyone is empowered to improve their own daily issues. This training provides the tools to make that easier. Learn how to apply Plan, Do, Check, Adjust problem solving and how to document it using A3 Thinking</p>
<p>SHPE 101</p>	<p>Description of all SHPE programs; SHPE Conference, NILA, NRP, Graduation Stoles and core programs</p>
<p>Life as a SHPE Leader</p>	<p>Panel of different current leaders within SHPE who can describe the roles and responsibilities each position entails. A description on the election process and qualifications for each position.</p>

<p>Life of a Military Aviator Undergraduate Track Presenter: Courtney Waltman Representing the Military</p>	<p>This workshop will cover the process of getting selected for Pilot Training through Pilot Training graduation, life as a USAF cargo (C-17) pilot, career progression and options upon leaving the military including pictures and videos along with real life experiences as a Military aviator.</p>
<p>How to Rock Your Interview Undergraduate Track Presenter: Sarah Mason Company: Texas Instruments</p>	<p>From researching interviewers to practice techniques, join TP's session to learn all the tricks for being prepared and rocking your interview!</p>
<p>Past the Fear of Public Speaking Professional Track Presenter: Mary Garcia Company: LM Aero Toast Masters</p>	<p>Past the Fear of Public Speaking presentation will provide tips on becoming a better speaker. By the end of the presentation, the audience will be able to gain knowledge in the following key areas: Overcoming the terror of the talk (i.e. fear of public speaking) How to prepare the talk (i.e. sizing up the audience, theme, facility, etc.) Importance of body language</p>
<p>How to go SHPE Crazy with Noche de Ciencias? Undergraduate and Professional Track Presenter: Samantha Dominguez Company: SHPE LM Aero</p>	<p>Let's make an impact together. Understand your philosophy on influencing a future generation. We will go over logistic planning, sponsorship, working with the school district and community partners that SHPE LM Aero worked with and how our model can help your chapter make a successful Noche de Ciencias.</p>
<p>Multi-Generational Gaps in the Workplace Undergraduate Track Presenter: David Downey Company: Downey Aviation</p>	<p>This is a look at the work environment from a hiring manager and the millennials that will be coming to the marker. What are some observations about the different perspectives? What are some things that millennials bring to a workplace that are different but have benefits?</p>
<p>Managing Your Career Professional Track Presenter: Aaron Prokopchuk Company: SHPE LM Aero</p>	<p>This workshop is focused on defining five phases of career development and exploring the tools available for managing a professional career. Topics will include exploring career paths, understanding my skillset, avenues of learning, networking, setting SMART goals, among others in the five phases. Template tools will also be visited to include soft skills checklist, career aspirations worksheet, and career development plan.</p>
<p>Interview Like You're in Love Professional Track Presenter: Ramon Santillan Interview Consultant</p>	<p>Do you have a job that you love? It is estimated that between 35%-80% of people are unhappy with their job. In this class, Interview Consultant and Negotiation Expert, Ramon Santillan will walk you through the steps to identify, find, and get the job you love. We will also cover the most common mistakes people make when looking for a job, the mental shift to make during the interview and how to turn down job offers without burning any bridges.</p>
<p>Art of Salary Negotiation Professional Track Presenter: Ramon Santillan Interview Consultant</p>	<p>Have you ever wondered if you should negotiate your salary? Are you supposed to? Can you negotiate something else besides money? In this course, Interview Consultant and Negotiation Expert, Ramon Santillan will show you how to figure what you're worth, what you can negotiate, and how to get the compensation you want. At the end of this class you will know how to approach your next negotiation whether you currently have a job or you're looking for new opportunities.</p>

# Undergraduate, Graduate, and Professional Agenda

March 30th	Thursday					
Events	Type	Time start	Time End	Presenter	Company	Building and Room
Arrive for RLDC/Check In	Registration	3:00 PM	10:00 PM	RLDC Committee	SHPE TTU/ LM Aero	Overton Hotel 1st Floor Lobby
March 31st	Friday					
Event	Type	Time Start	Time End	Presenter	Company	Building and Room
Check In/ Registration	Registration	8:00 AM	2:00 PM	RLDC Committee	SHPE TTU/ LM Aero	Holden Hall Lobby
Academic Olympiad	Undergraduate/Graduate	8:30 AM	11:50 AM	David Garza	SHPE TTU	SUB Matador Room
ParkHill, Smith, & Cooper	Corporate Tour	12:00 PM	4:30 PM	Tour guide	ParkHill, Smith, & Cooper	Parkhill-Smith Cooper Facility
XFAB	Corporate Tour	8:00 AM	11:30 AM	Tour guide	XFAB	XFAB Facility
Xcel Energy	Corporate Tour	8:00 AM	11:30 AM	Tour guide	Xcel Energy	Xcel Energy Facility
Advisor Planning Session	Chapter Advisors	8:00 AM	10:50 AM	Chris Garza	SHPE Graduate Committee	- -
Networking Luncheon - Keynote Speaker	General	12:00 PM	12:50 PM	Charles Parkhurst	Texas Instruments	Holden Hall 150
Networking Through Organizations	Undergraduate	1:00 PM	1:50 PM	Chirs Garza	Olin Corporation	Holden Hall 75
Master the Case Interview	Undergraduate	1:00 PM	1:50 PM	Jeffrey "Jeff" Vales	Capital One	Holden Hall 154
Professional Registration/Licensing and Certification	Professionals/ Graduating Seniors	1:00 PM	1:50 PM	David Howell, P.E	TBPE	Holden Hall 155
Effective Leadership	Undergraduate	2:00 PM	2:50 PM	Kristina Allen	America*s Navy	Holden Hall 75
The 5 Satisfiers of Employment	Professionals/ Undergraduate	2:00 PM	2:50 PM	Bobby Balli	CP&Y	Holden Hall 74
Professional Success through Innovation	Undergraduate	2:00 PM	2:50 PM	Charles Parkhurst	Texas Instruments	Holden Hall 104
Project Management Bootcamp	Professionals	1:00 PM	4:50 PM	Dora Maria Abreu	Praizion Media, LLC	Holden Hall 77
Expand Your Brand	Undergraduate	3:00 PM	3:50 PM	Mary Garcia	Lockheed Martin	Holden Hall 77



Exploring Opportunities with State	Undergraduate	3:00 PM	3:50 PM	Floyd Cable and Judy Torres	Department of State	Holden Hall 106
Steps to Success with Career Goals	Undergraduate	3:00 PM	3:50 PM	Chris Reily	Oncor Electric	Holden Hall 38
PDCA Problem Solving Training	Professionals	3:00 PM	4:50 PM	Nancy Mezo	Lockheed Martin	Livermore 104
USAA Interview Session	Students and Professionals	2:00 PM	5:00 PM	Representative	USAA	Petroleum 205A
Power of Latinas	Undergraduate	4:00 PM	4:50 PM	Brianne Martin	SHPE Regional	Holden Hall 74
Advisor Planning Session	Chapter Advisors	1:00 PM	5:00 PM	Chris Garza	SHPE Graduate Committee	- -
Check In/ Registration	Registration	6:00 PM	11:30 PM	RLDC Committee	SHPE TTU/ LM Aero	Overton Hotel 1st floor Lobby
Athletic Tournament	General	6:30 PM	9:00 PM	Jacob Martinez	SHPE TTU	Student Rec Center-Sand Volleyball Courts
Professional Mixer	Seniors, Graduates and Professionals	10:00 PM	11:00 PM	Representative	Lockheed Martin	Overton Hotel Horizon AB
April 1st	Saturday					
Event	Type	Time Start	Time End	Presenter	Company	Building and Room
Check in/Registration	Registration	8:00 AM	10:30 AM	RLDC Committee	SHPE TTU/ LM Aero	Holden Hall Lobby
Welcome - Key Note Speaker	General	8:30 AM	8:50 AM	Dr. Oliver McGee	TTU	Holden Hall 104
SHPE 101	General	9:00 AM	9:50 AM	Nathan S and Michelle F	SHPE National	Holden Hall 104
Life as a SHPE leader	General	10:00 AM	10:50 AM	Pablo Villamartinez	RLDC Committee	Holden Hall 104
Power of Latinas	Undergraduate	11:00 AM	11:50 AM	Brianne Martin	SHPE Regional	Holden Hall 75
Life of a Military Aviator	Undergraduate	11:00 AM	11:50 PM	Capt. Courtney Waltman	Military	Holden Hall 76
How To Rock Your Interview	Undergraduate	11:00 AM	11:50 PM	Sarah Mason	Texas Instruments	Holden Hall 77
Past the Fear of Public Speaking	Professionals	11:00 AM	11:50 AM	Mary Garcia	LM Aero Toastmasters	Petroleum 110

Advisor Planning Session	Chapter Advisors	2:30 PM	5:00 PM	Chris Garza	SHPE Graduate Committee	--
Networking Luncheon - Keynote Speaker	General	12:00 PM	12:50 PM	Representative	Capital One	Holden Hall 104
Region 5 Meeting	General	1:00 PM	1:50 PM	Regional Team	SHPE Regional	Holden Hall 104
Region 5 Group Picture	General	2:00 PM	2:20 PM	SHPE Texas Tech	RLDC Committee	Holden Hall Entrance
How to go SHPE Crazy with Noche de Ciencias?	Undergraduate and Professionals	2:30 PM	3:20 PM	Samantha Dominguez	SHPE LM Aero	Holden Hall 76
Multi-Generational Gaps in the Workplace	Undergraduate	2:30 PM	3:20 PM	David Downey	Downey Aviation	Holden Hall 77
Managing Your Career	Professionals	2:30 PM	3:20 PM	Aaron Prokopchuk	SHPE LM Aero	Petroleum 110
Career Fair/STEM Expo/Hospitality suite	Students and Professionals	3:30 PM	5:30 PM	Sponsors	Various	Overton Hotel Horizon AB
Capital One Interview Session	Students and Professionals	3:30 PM	5:30 PM	Representative	Capital One	Petroleum 205C
USAA Interview Session	Students and Professionals	8:00 AM	5:00 PM	Representative	USAA	Petroleum 205A
Interview Like You're In Love	Professionals	3:30 PM	4:20 PM	Ramon Santillan	Interview Consultant	Petroleum 110
The Art of Salary Negotiation	Professionals	4:30 PM	5:20 PM	Ramon Santillan	Interview Consultant	Petroleum 110
Advisor Planning Session	Chapter Advisors	2:30 PM	5:20 PM	Chris Garza	SHPE Graduate Committee	--
Awards Gala Show	General	7:00 PM	9:00 PM	RLDC Committee	SHPE TTU/LM Aero	Overton hotel Sunset BC Ballroom
Salsa Networking Social	General	9:30 PM	11:30 PM	DJ Mario	Lubbock Salsa	Overton hotel Sunset BC Ballroom

# SHPE Jr. Agenda

April 1st	Saturday					
Event	Type	Time Start	Time End	Presenter	Company	Building and Room
Check in/Registration	SHPE Jr	8:00 AM	8:50 AM	RLDC Committee	SHPE TTU/LM Aero	Electrical Engineering Lobby
Welcome - Keynote Speaker	SHPE Jr	9:00 AM	9:50 AM	Oscar Vazquez	BNSF	Electrical Engineering 101
SHPE Jr 101	SHPE Jr	10:00 AM	10:50 AM	Miguel Sierra	SHPE Regional	Electrical Engineering 101
Scholarships/FAFSA/Financial Aid	SHPE Jr	11:00 AM	11:50 AM	Representative	SHPE TTU	Electrical Engineering 101
Lunch	Lunch	12:00 PM	12:50 PM	College Prep Q & A	RLDC Committee	Electrical Engineering 101
Water Rocket Design Competition	SHPE Jr	1:00 PM	2:50 PM	Aaron Alvarez	RLDC Committee	Electrical Engineering 101
Campus Tour	CampusTour	3:00 PM	4:50 PM	Aaron Alvarez	RLDC Committee	Campus
Closing Awards Ceremony	SHPE Jr	5:00 PM	5:30 PM	Aaron Alvarez	RLDC Committee	Electrical Engineering 101
April 2nd	Sunday					
Event	Time Start	Time Start	Thanks for attending and have a safe trip back home			
Return Home	8:00 AM	12:00 PM				

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one chip at a time. Join us.**



# KEYNOTE SPEAKERS

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## CHARLES PARKHURST

### FRIDAY LUNCHEON

Charles Parkhurst was born in the small town of Comerío in the central-eastern region of the island of Puerto Rico. As a child, Charles developed a sense of perseverance that would be the driving force behind his success. In the 11th grade, with limited exposure to technical fields, Charles decided that engineering would be the area of study that would take him far from the town where he spent his early years. The deep love of learning and innovation inspired him to enroll at the University of Puerto Rico, Mayagüez, where he would eventually graduate magna cum laude with a degree in electrical engineering. Charles' professional career began with the American electronics company, Texas Instruments, during his senior year in college. He was part of their intern/co-op program, which gave Charles the chance to explore his career options while still in school. Since, Charles has been enjoying a steady rise within the company. Today, as a senior designer of Analog Integrated Circuits and a senior member of the Technical Staff in the HI Reliability Products – High Performance Analog division at Texas Instruments is highly regarded by his team as an innovative leader and collaborator. Charles is an active member of TI's Hispanic/Latino Insight diversity initiative, where he serves as an advisor to senior management on diversity with the goal of improving Hispanic/Latino talent. In September, Charles was honored for his achievements during a ceremony by the town's leaders. Charles was honored with a HENAAC Luminary Award in October, 2015 by Great Minds in STEM.



## OLIVER MCGEE

### SATURDAY MORNING WELCOME

Oliver McGee, Ph.D., M.B.A., CFRM, AFWCI is Professor and Chair of the Department of Mechanical Engineering at Texas Tech University. He is an aerospace, mechanical, and civil engineer, and author of 7 books on Amazon. Dr. McGee is former U.S. deputy assistant secretary of transportation for technology policy (1999-2001) in the Clinton Administration, and former senior policy adviser in the Clinton White House Office of Science and Technology Policy (1997-1999). Recently, McGee served as the 2012-13 American Council on Education Fellow to UCLA Chancellor Gene Block. McGee holds a Bachelors of Science in civil engineering from Ohio State University (1981), a Masters of Science in civil engineering (1983) and Ph.D. in engineering mechanics (with a minor in aerospace engineering) from The University of Arizona (1988), a Masters of Business Administration (M.B.A.) from The University of Chicago Booth School of Business (2004), and a Certificate of Professional Development (C.P.D., 2001) from The Wharton School. He is a NASDAQ Certified Director in Directorship and Corporate Governance from the 26th Director Education and Certification Program of the UCLA John E. Anderson Graduate School of Management. He also holds a Certificate of Fund Raising Management (C.F.R.M, 2013) from Indiana University's Lilly Family School of Philanthropy (previously formally known for decades as *The Fund Raising School*).

# KEYNOTE SPEAKERS

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## DAVE DOWNEY

### **SATURDAY WORKSHOP: Multi-Generational Gaps in the Workplace**

Dave Downey is an award winning safety leader and the founder of Downey Aviation Services. Dave's aerospace experience includes civil certification, flight operations and safety/risk management. He is a published author and international public speaker on aviation and leadership. Dave graduated from the University of Tennessee Space Institute with an MS and earned his BS from Embry Riddle Aeronautical University. He also graduated from the US Navy Test Pilot School. Dave is the 2010 Society of Experimental Test Pilots Tony LaVier Flight Safety Award for life time achievement in Flight Safety.



## JEAN WALLACE

### **AWARDS GALA SHOW**

Jean Wallace is vice president, Human Resources, for Lockheed Martin Aeronautics Company, where she shapes People Strategies that enable an inclusive, productive work environment for 24,000 employees globally. She assumed her current position in Jan. 2011 and is accountable for business growth through her leadership of Talent Acquisition and Management, Rewards, Organization Effectiveness, Workforce Planning, Labor Relations and Cultural Transformation. Jean is passionate about creating work environments and communities where every employee has a voice and achieves their highest level of performance. She is the executive sponsor of the company's Lesbian, Gay, Bisexual and Transgender (LGBT) employee resource group PRIDE, and the Women's Impact Network (WIN). Ms. Wallace also sits on the Tarrant County board of directors for Girls Inc. and United Way. She is an active member and past Chair of the DallasFort Worth Regional Aerospace Workforce Consortium. An Indiana native, Jean has a bachelor's degree in Marketing from Indiana University and an MBA from Florida International University.

# KEYNOTE SPEAKERS



## OSCAR VAZQUEZ

SHPE JR. TRACK

VETERAN, DREAMER, Like many DREAMers, Oscar’s family brought him to the United States as a child in search of a better life. From age 12 when he moved from Mexico to Phoenix, Arizona, Oscar excelled in the classroom at Carl Hayden High School where he was a member of the underwater robotics team, which won a national championship in 2004 that pitted them against some of the most prestigious engineering colleges in the country. That opportunity led to a college education in the STEM field, earning a B.S.E in mechanical engineering from Arizona State University in May 2009. But without U.S. citizenship, he couldn’t secure a job to provide for his new wife and newborn child. He returned to Mexico to apply for a visa and legalize his status, but was denied twice. He was granted a visa in August 2010. Six months later, Oscar enlisted in the Army to serve the country he loves and calls home. Oscar served one tour in Afghanistan. He now works for BNSF Railway as a business analyst in a web app development team.

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