



**Wilmington, NC**  
**NOVEMBER 3-4, 2017**



**COMPLETING OUR STREETS**  
**...for ALL!**  
*6th Annual NC Bike/Walk Summit*







## Welcome to the 6<sup>th</sup> Annual Bike/Walk Summit 2017!

**Bill Hulbert**  
President  
Cary, NC

**Roger Henderson**  
Past President  
Raleigh, NC

**Martin Zimmerman**  
Vice-President  
Charlotte, NC

**Julie White**  
Secretary  
Black Mountain, NC

**Jennifer Baldwin**  
Durham, NC

**Candace Davis**  
Wake Forest, NC

**Steven Goodridge**  
Cary, NC

**Ed Harrison**  
Chapel Hill, NC

**Ted Silver**  
Banner Elk, NC

**Carol Stein**  
Wilmington, NC

**Dale Tiska**  
Raleigh, NC

**Dianna Ward**  
Charlotte, NC

**Kenneth Withrow**  
Raleigh, NC

On behalf of BikeWalk NC and the Wilmington Planning Committee, welcome to our 6<sup>th</sup> annual professional development and education event. We hope you've noticed that we've added "WALK" to the title to better reflect the planning committee and BikeWalk NC's interest in the important other active transportation mode – walking!

This year's theme – *Completing our Streets...for All!* – is well timed. Many towns are investing in Complete Streets, making their communities more walkable and bicycle friendly, despite the elimination of state matching funds a few years ago. However, smaller, more rural towns continue to struggle to build this infrastructure without the funding. We are excited to hear from our new leaders at NCDOT that they want to reinvigorate our state's policy and seek funding to help implement Complete Streets.

We received a warm welcome from the legislature during our first ever Advocacy Day this past April. Thank you to all of you that made the trip to Raleigh. Legislators saw people from their home districts as far away as Sylva and Southport. We collaborated with other transportation interests like transit and road construction for Advocacy Day. This alignment helps walking and bicycling be seen as legitimate transportation modes, a critical step in regaining state funding.

Even with better-designed roads, we need education, outreach and really a culture change to achieve our Vision Zero goal – no road fatalities. We continue to hear stories of conflict, with bicyclists and pedestrians paying the price. Fatalities and serious injuries have upticked recently particularly for bicyclists and pedestrians, with North Carolina sitting at 5<sup>th</sup> highest in the nation for traffic fatalities. We will need all of you to participate in making this culture change happen – our health advocates, our environmental friends, business allies, the transportation experts and our elected leadership.

So, thank you all for participating in our Summit. Thank you to all of our presenters for sharing their insights and expertise. Special thanks to our sponsors for their contributions and support – we wouldn't be here without you.

And, have fun networking!

Lisa Riegel, Executive Director  
BikeWalk NC







## Mayor and City Council

Mayor  
Bill Saffo

Mayor Pro-Tem  
Margaret E. Haynes

### Council Members

Neil Anderson  
Paul Lawler  
Kevin O'Grady  
Charlie Rivenbark  
Earl Sheridan

### City of Wilmington

City Hall  
102 North Third Street  
PO Box 1810  
Wilmington, NC 28402-1810  
910.341.7815  
910.341.4628 fax  
wilmingtonnc.gov  
Dial 711 TTY/Voice



October 6, 2017

Dear NC Bike Summit Attendees:

I would like to take this opportunity to welcome all of the attendees of the North Carolina Bike Summit to Wilmington. In Wilmington, we pride ourselves on the strides we've made to become a more bikeable community. The Gary Shell Cross-City Trail is the foundation and spine to our greenway system. It connects multiple parks, destinations, employment centers, and schools. The River to Sea Bikeway connects downtown Wilmington to Wrightsville Beach using the historic beach car line. I hope you have the opportunity to explore both routes while you are here.

The League of American Bicyclists has designated the City of Wilmington as a Bicycle Friendly Community (bronze level), and the University of North Carolina Wilmington a Bicycle Friendly University (bronze level). We are proud of this designation, but we also strive for higher designations. Our residents have demonstrated their support for a bikeable community through community survey responses, and their vote for the 2014 Transportation Bond, which included \$20 million for improved bicycle facilities in the City. In addition to those bicycle facilities, we are also looking forward to the completion of several other bicycle facilities in our city in the years to come.

I hope you enjoy your stay here in Wilmington, and have an opportunity to enjoy the bicycle facilities we currently have to offer. On behalf of the citizens of Wilmington, I extend to you our warmest wishes for a successful summit and an enjoyable visit.

Sincerely,

Bill Saffo



The *Cape Fear Cyclists* bicycle club is pleased to be a sponsor for the 6th Annual BikeWalk Summit here in Wilmington and to welcome it's attendees.

Our club is one of the oldest and largest in North Carolina. We welcome guests on any of our club rides. There are usually three to five weekly rides of varying distances and riding levels. More information on these rides and about our Club is available on our website: [capefearcyclists.org](http://capefearcyclists.org).

The Cape Fear Coast encompasses the historic city of Wilmington and the island communities of Carolina Beach, Kure Beach and Wrightsville Beach. Its beautiful beach towns, historic neighborhoods and nearby quiet rural roads provide great opportunities for bicycling.

In addition to providing opportunities for enjoyable cycling, our club has a strong advocacy program. Our advocacy efforts are made directly from the club and also through our membership on the Wilmington Metropolitan Planning Organization (WMPO) Bike-Ped Committee. We also have a very active educational program that provides trained and certified cycling instructors to bicycling safety programs and bike rodeos held by the areas municipal governments and schools.

We hope you will enjoy your stay in Wilmington and benefit from participation in the BikeWalk Summit.

Eileen McConville  
President  
Cape Fear Cyclists



Dear Summit Attendees,

Welcome to the 6<sup>th</sup> Annual Bike/Walk Summit that promises to be packed full of information useful to bicycle advocates, transportation planners, business owners, elected officials, tactical urbanists, public health practitioners, and livability and sustainability professionals. Experts from across the state and beyond are here to share their knowledge and experience.

AARP is a proud Summit sponsor because we believe places like Wilmington can be great places for people of all ages. AARP Livable Communities supports the efforts of neighborhoods, towns, cities and rural areas to provide safe, walkable streets; age-friendly housing and transportation options; access to needed services; and opportunities for residents of all ages to participate in community life.

Together, we can **foster collaboration** between North Carolina's various bicycle movements, efforts, and endeavors; **educate** local government staff, bicycle advocates, and policy leaders; **promote** bicycling and walking as valid forms of transportation and economic drivers and **highlight** North Carolina's dedication toward becoming a premier pedestrian and bicycle-friendly state.

To protect pedestrians, cyclists and drivers many communities are putting their roads on "diets" by reducing street widths and vehicle lanes. The gained space is being reallocated toward other ways of getting around — such as walking, bicycling and public transit. You can find great resources from AARP Livable Communities at [www.aarp.org/livable](http://www.aarp.org/livable)

On behalf of AARP's 1.1 million members in North Carolina, we wish you a productive Summit. AARP stands ready to work together to create people-powered transportation options that make our communities great.

Pedal Forward together,

Suzanne LaFollette-Black, AARP NC Coastal Associate State Director





# SCHEDULE Thursday & Friday, November 2nd-3rd



## Thursday, November 2nd - The Terraces on Sir Tyler

1826 SIR TYLER DR

**BIKE SKILLS CLASS**  
7:00 - 9:00 PM 8:00 AM - 6:00 PM

### Bicycling Traffic Skills Clinic for Transportation Professionals

Taught by Steven Goodridge with assistance from LCIs Trung Vo and Mike Bassano.

Oriented toward transportation engineers, planners, and police, but open to all adults, this intensive 9-hour on-bike training course teaches the fundamentals of safe, efficient, and lawful bicycle driving in urban traffic. Participants enhance their bike handling skills, increase their confidence in traffic, and improve their understanding of how state traffic laws support successful bicycling. Common bicyclist crash types are examined in the context of defensive bicycling practices. Implications for transportation planning, facility design, and law enforcement are discussed. Detailed agendas mailed separately to registrants.

**Meetup @ Wrightsville Beach Brewery** (6201 Oleander Drive)

## Friday, November 3rd- Cape Fear Community College (CFCC)

**REGISTRATION** 11:00 AM - 5:00 PM, CAPE FEAR COMMUNITY COLLEGE, UNION STATION (502 N FRONT ST)

**MOBILE TOURS**  
morning

### Self-Guided Mobile Tours (Maps/Itineraries Available at Online and at Registration)

- Walk Downtown Wilmington
- Bike Downtown Wilmington
- Bike UNCWilmington & Environs
- Longer Bike Ride Loops
- River to Sea Trail
- Gary Shell Cross City

**BUFFET LUNCH** 11:30 AM - 12:30 PM, DANIEL BALLROOM IN UNION STATION

**KEYNOTES**  
12:30 - 2:00 PM

### Plenary Session with Transportation Leadership

- Mayor Bill Saffo, City of Wilmington
- Landon Zimmer, NCDOT Board Member, Division 3
- Julie White, Deputy Secretary for Multimodal Transportation, NC Department of Transportation

### Keynote

- Coralette Hannon, Senior Legislative Representative for Government Affairs, AARP

DANIEL BALLROOM

### 1-1 Complete Streets U-508

#### Moving Implementation Forward

Making the Connection - *Chad Kimes & David Leonard*

From Vision to Implementation: Bicycle and Pedestrian Project Plans in Durham and Duke - *Scott Lane & Bryan Poole*

### 1-2 Safety U-512

#### Vision Zero

The Sum of Our Efforts is Zero: Resources & Data for Vision Zero Communities - *Tracy Anderson & Burke Foley*

Tampering Speeds, Hastening Safety: Ways to Accelerate Vision Zero Principles in NC - *Seth LaJeunesse & Stephen Heiny*

### 1-3 Community U-528

#### Mobile Tours

Bicycling and Walking Tours of Safety and Complete Streets in Downtown - *Bastian Schroeder*

Meet behind Union Station Building off 2nd Street by the bike racks. Bikes rentals available at Bike Cycles

### 2-1 Complete Streets U-508

#### Moving Implementation Forward

Complete Streets and Completed Projects: Max Your Success with NCDOT - *Betsy Kane & Nick Scheuer*

Moving Complete Streets into Mainstream - *Roger Henderson*

### 2-2 Safety U-512

#### Using SRTS to Advance Complete Streets

SRTS as a Catalyst for Community Engagement & Public Resource Prioritization Strategies - *Heather Seagle, George Berger, Lou Raymond & Will Washam*

Advancing SRTS and Complete Streets through Community Partnership - *Karen Rindge, Kristen Brookshire, Amy Sackaroff & Jennifer Delcourt*

### 2-3 Community U-528

#### Municipal Bike Share Panel Discussion

Baltimore - *Caitlin Doolin*

Charlotte - *Diana Ward*

Greensboro - *Daniel Amstutz*

Raleigh - *Trung Vo*

Winston Salem - *Matthew Burczyk & Michael Hosey*

**SESSION 1**  
2:30 - 3:30 PM

**SESSION 2**  
3:45 - 4:45 PM

**RECEPTION**  
5:00 - 9:00 PM

### Reception @ Daniel Ballroom, Cape Fear Community College, 5:00 - 7:00 PM

- Remarks from House Representative John Torbett, House Transportation Committee Co-Chair

### Post-Reception Meet-up @ Waterline Brewing Company, 7:00 - 9:00 PM (721 Surry Street)

- Massive Grass (Blue Grass) Band and Food Trucks



# SCHEDULE Saturday & Sunday, November 4th-5th

## Saturday, November 4th - University of North Carolina Wilmington (UNCW)

### REGISTRATION & CONTINENTAL BREAKFAST MIXER 8:00 AM LUMINA RECEPTION AREA

BREAKFAST  
8:00 - 9:00 AM  
PLENARY  
9:15-10:15 AM

#### Bicycle & Pedestrian Professional Organization Breakfast Get-Together

FSC MASONBORO

Sponsored by Alta Planning + Design

Current and prospective members of APBP-NC and NCSITE BPUG (North Carolina Section of the Institute of Transportation Engineers Bicycle/Pedestrian Users Group) are encouraged to attend. All are welcome!

#### Welcome

- Lisa Riegel, Executive Director, BikeWalk NC

#### Keynotes

- Mike Watson, Senior Advisor Livable Community Program, AARP
- Mike Olender, Manager of Outreach and Advocacy, AARP NC

FSC LUMINA THEATER

SESSION 3  
10:30 - 11:30 AM

#### 3-1 Complete Streets LUMINA

##### Moving Implementation Forward

Complete Streets Policies and Implementation: Who's Building Your Bike-Friendly Infrastructure? - *Paul Black*  
Beyond Bike Lanes: A Look at Complete Streets Implementation and Bicycle Network Development in Cornelius, NC - *Will Washam & John Cock*

#### 3-2 Safety FSC WRIGHTSVILLE

##### Using Crash Data: Urban and Rural

Understanding Pedestrian Crash Trends in Greensboro NC to Inform Pedestrian Improvements - *Tyler Meyer & Tram Truong*  
Cycling on Rural Roads in North Carolina: A Look at Injury Severity and Crash Types on Rural Roads in Comparison to Urban Roads - *Alyson West & James Farrell*

#### 3-3 Community FSC MASONBORO

##### Leveraging Community Organizations - Roundtable Discussion Kickoff

Demonstration Protected Bike Lanes in Charlotte: How Neighborhood Advocacy Can Lead to Permanent Change - *Gabe Dobbs*  
Engaging the Community through the APBP Professional Organization - *Eric Vitale*  
Partnering with Local Bike Clubs to Advance Biking in Raleigh - *Kristy Jackson*

SESSION 4  
12:45 - 1:45 PM

#### 4-1 Complete Streets LUMINA

##### University Bike Share Systems

UNC Wilmington Bike Share\* - *Nick Cannon*  
UNC Greensboro Bike Share - *Suzanne Williams*  
\*Includes demo of UNCW Bike Share system

#### 4-2 Safety FSC WRIGHTSVILLE

##### Autonomous Vehicle Technology Implications for Bike/Ped

Advances in Automatic Collision Avoidance Systems - *Steve Goodridge*

#### 4-3 Community FSC MASONBORO

##### Discussion: Advancing Community Engagement

Grassroots Advocacy Struggles, Strategy, and Success - *Amy Easter*

SESSION 5  
2:00 - 3:00 PM

#### 5-1 Complete Streets LUMINA

##### Bike and Pedestrian Wayfinding

Metro-Style Greenway Map as Regional Vision - *Paul Black*  
You Can Get There: Wayfinding Within and Beyond the Standards - *Jennifer Baldwin*

#### 5-2 Safety FSC WRIGHTSVILLE

##### Interactive Safety Project Development Workshop

Workshop: Developing Safety Projects Using Pedestrian and Bicycle Road Safety Audits - *Libby Thomas & Seth Lajeunesse*

#### 5-3 Community FSC MASONBORO

##### Discussion - Strengthening Community Engagement

Advancing Active Transportation through Effective Capacity Building - *Mike Sule*

##### Concurrent Mobile Session (Amphitheater)

Mobile Bike Tour UNCW & Environs - *Nick Cannon*

CLOSING  
3:00 - 3:15 PM

Lisa Riegel, Executive Director, BikeWalk NC

FSC LUMINA THEATER

MOBILE  
4:30 - 5:15 PM

#### Self-Guided Pub & Grub Crawl

AMPHITHEATER

Meet at New Anthem Beer Project, 116 Dock Street at 4:30pm if you want to go as a group

SEND OFF  
9:00 AM

## Sunday, November 5th

### Coffee and a Roll Bike Ride from Greenfield Lake Park (Benjey Bike Corral, 302 Willard St) with Cape Fear Cyclists

Includes stop for Breakfast. More information available under "Rides" at [CapeFearCyclists.org](http://CapeFearCyclists.org)



## GETTING AROUND: WILMINGTON

We have provided a map of Wilmington to assist you in finding your way around Wilmington during the 2017 Bike/Walk Summit. Thursday's Bicycling Traffic Skills Class will take place at **The Terrace on Sir Tyler**. Thursday evening there will be a meetup at **Wrightsville Beach Brewery**.

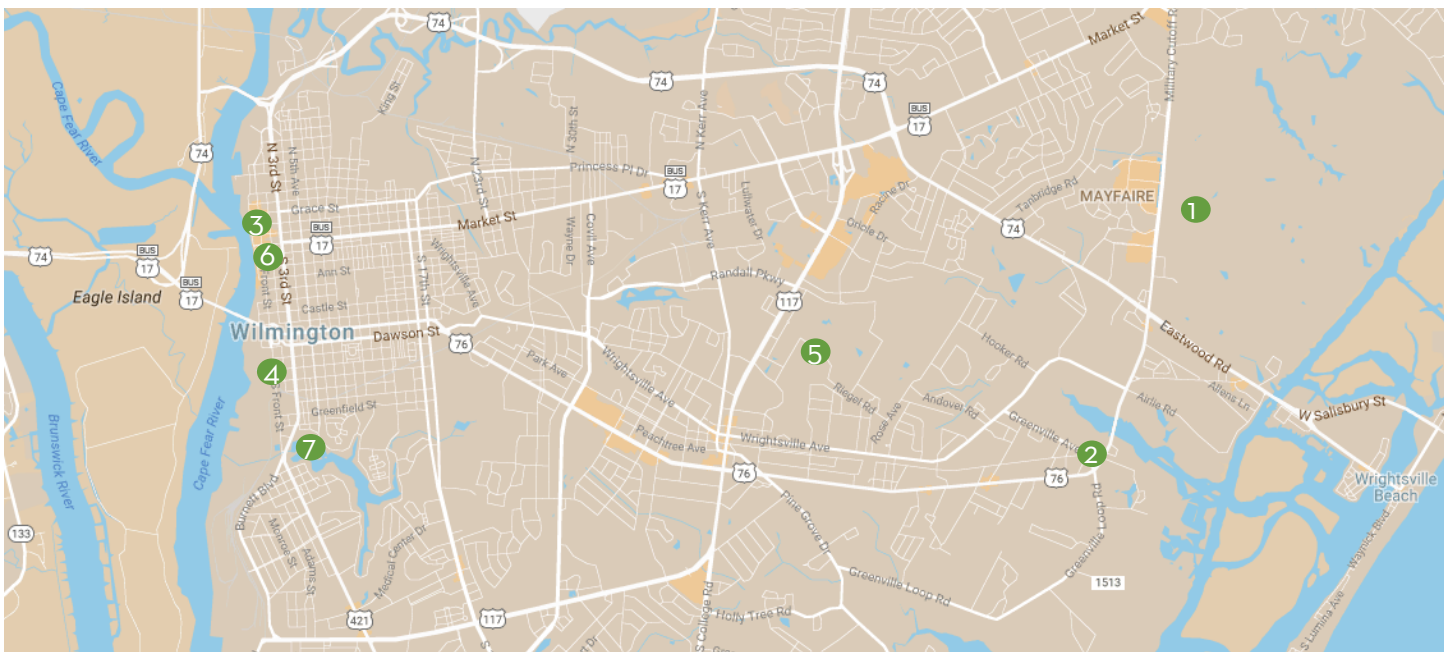
Summit attendees have the opportunity to take self-guided mobile tours on Friday morning to explore the pedestrian and bicycle facilities of Wilmington and the surrounding area; detailed itineraries and maps for these self-guided tours are available at the conference registration booth and online.

Friday's sessions and lunch will take place at the Union Station building at **Cape Fear Community College (CFCC)**. A CFCC campus map with specific building and parking information is included on the following pages. Following an evening reception at CFCC on Friday, please

join us for a post-reception meet-up at **Waterline Brewing Company**.

Saturday's sessions will take place at **UNC Wilmington (UNCW)** at the Fisher Student Center. Meals will take place at the UNCW Warwick Center. Mobile sessions will meet at the Amphitheater outside the Fisher Student Center. A UNCW campus map with specific building and parking information is included on the following pages. On Saturday afternoon, please meet at the **New Anthem Beer Project** for a self-guided Pub & Grub of bars and breweries around Wilmington if you would like to go as a group.

On Sunday, Summit attendees are invited to meet at **Greenfield Lake Park** at the Benjey Bike Corral (located near the tennis courts) for coffee and a roll bike ride with Cape Fear Cyclists.



- 1 **The Terrace on Sir Tyler**  
1826 Sir Tyler Drive
- 2 **Wrightsville Beach Brewery**  
6201 Oleander Drive
- 3 **Cape Fear Community College**  
Union Station: 502 N. Front Street  
Parking: Visitor Lot at 2nd and Walnut Streets
- 4 **Waterline Brewing Company**  
721 Surry Street
- 5 **UNC Wilmington**  
Fisher Student Center: Union Drive  
Warwick Center: 601 S College Road  
Parking: Lot M, 4941 Riegel Road
- 6 **New Anthem Beer Project**  
116 Dock Street
- 7 **Greenfield Lake Park**  
302 Willard Street



## GETTING AROUND: CFCC

Friday's sessions will take place at the Union Station building at Cape Fear Community College (Building U on the map below). Union Station is located at 502 N. Front Street, at the corner of Front and Red Cross Streets. We will be meeting in the Daniel Ballroom (Room U-508), Room U-512, and Room U-528, all of which are located on the fifth floor.

Mobile sessions will meet behind Union Station off 2nd Street at the bike racks.

Free parking available in the CFCC Visitor Lot at 2nd and Walnut Streets (Lot VP). Bike parking is available behind the Union Station building, at the Fisher Student Center, and in front of Building N at Red Cross and Front Street. Overflow parking (fee) is available at the Wilmington Convention Center parking Deck at 515 Nutt Street (3-4 block walk).





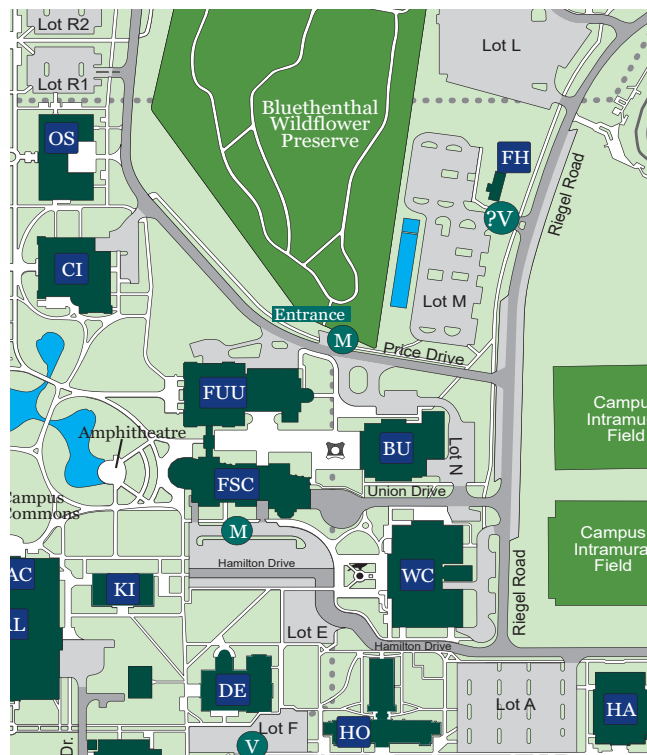


## GETTING AROUND: UNCW

Saturday's sessions will take place at Fisher Student Center at UNC Wilmington (Building FSC), in the Lumina Theater, the Masonboro Room, and the Wrightsville Room. Lunch (boxed) will be served in the Dub's Cafe in the Warwick Center (Building WC).

Mobile sessions will meet at the Amphitheatre outside the Fisher Student Center (bike share bikes will be available for the mobile sessions held at UNCW).

Parking is available at Lot M (4941 Riegel Road). To access Lot M, from College Road, turn onto Hurst Drive at the traffic light to enter the UNCW campus. Continue on Hurst Drive to the next traffic light. Turn left onto Hamilton Drive. Continue on Hamilton Drive to the intersection of Riegel Road. Turn Right onto Riegel Road. Continue on Riegel Road past the Warwick Center. After passing the Riegel Road/Price Drive intersection, turn left into the Parking Lot M entrance. Overflow parking (free) is available in Lot E.





Building	Grid	Location	Code	Building	Grid	Location	Code	Visitor Destinations	Code
Academic Affairs Annex	3C	AF	F	Kenan Hall	7D	KE		Administration - Alderman Hall	AL
Academic Support Center	2F	AS		King Hall	6D	KI		University Advancement	
Alderman Hall	7D	L		Kresge Greenhouse	5B	GH		Admissions - James Hall	JA
Almquist-Nixon Sports Medicine Complex	7F	SM		Leutze Hall	5C	LH		Undergraduate and Graduate	
Bear Hall	6B	BR		McNeill Hall	3C	MC		Alumni Wise House - 1713 Market Street	
Belk Hall	4E	BK		Morton Hall	6C	MO		Athletics	NX
Burney Center	6E	BU		Natorium	7F	NA		Bookstore - Fisher Student Center	FSC
Center for Innovation and Entrepreneurship	8H	CIE		Natural Sciences	3C	NS		Burney Center	BU
Cameron Hall	4C	CH		Network and Communications	2F	NC		Cashier - Warwick Center	WC
Computer Information Systems Building	5C	CI		Nixon Annex	7F	NX		Center for Marine Science - 5600 Marvin K. Moss Lane	
Cornerstone Hall	2B	CS		Oriole Burevitch Laboratory	5B	BL		Center for Marine Science - Aquaculture	AS
Cultural Arts Building	4A	CA		Osprey Hall	5C	OS		Center for Education in Science, Technology,	NS
DeLoach Hall	7C	DL		Parking Deck	3B	PK		Engineering and Mathematics (CeSTEM)	
DePaolo Hall	7D	DE		Police (UNCW)	2F	PD		Conference Services & Conference Registrar	WC
Dobo Hall	4C	DO		Printing Services	1F	PS		CREST Research Park - 5600 Marvin K. Moss Lane	
Education Building	4B	EB		Purchasing Services	1F	PU		Cultural Arts Events & Performance Venues	
Environmental Health and Safety	1E	EHS		Randall Library	6-7C	RL		Kenan Auditorium	KA
Facilities	2F	FC		Schwartz Hall	2E	SZ		Cultural Arts Building	CA
Fisher Field House	5E	FIH		Seahawk Crossing	2-3B	SC		Lumina Theater	FSC
Fisher Student Center	6D	FSC		Seahawk Landing	1-2A	SL		Disability Services - DePaolo Hall	DE
Fisher University Union	6D	FUU		Seahawk Village	1C-D	SV		Ev-Henwood Nature Preserve - 6150 Rock Creek Road, Leland	
Friday Annex	5B	FA		Seahawk Village Clubhouse	1C	SVC		Financial Aid - Warwick Center	WC
Friday Hall	5B	FR		Shops at the Crossing	3B	SAC		Human Resources - Friday Annex	FA
Galloway Hall	4F	GA		Student Recreation Center	3D	SRC		Institutional Diversity & Inclusion - Alderman Hall	AL
Gazebo	3E	GZ		Suites Services Building	1D	SU		Centro Hispano - Fisher University Union	FUU
Graham Hall	3F	GR		Teaching Laboratory	3D	TL		Upperman Center - Fisher University Union	FUU
Hanover Hall	7E	HA		Technology Assistance Center (Library)	6C	TAC		Madeline Suite, Wagoner Hall	WA
Hewlett Hall	3F	HE		Trask Coliseum	7E	TR		Osher Lifelong Learning Institute (OLLI) - 620 South College Rd	
Hoggard Hall	7E	HO		University Apartments	3-4E-F	UA		Parking & Transportation Services - Warwick Center	WC
Honors House	1B	HH		University Suites	2D	US		Passport Office - Fisher University Union	FUU
Housing and Residence Life	2E	HRL		Visitor Information & Parking	5D	VI		Professional & Organizational Development	GIS
Innovation House	2B	IH		Wagoner Hall	2C	WA		Quality Enhancement for Nonprofit Organizations (QENO)	AS
Isaac Bear Early College High School	7H	IB		Warehouse-Receiving	1F	WH		Registrar - James Hall	JA
James Hall	7E	JA		Warwick Center	6E	WC		University Relations - 737 Saint James Drive	
Kenan Auditorium	7C	KA						Veterans Services - Warwick Center	WC
								Youth Programs	NS



BikeWalk Summit 2017 - Saturday, Nov. 4th

# Pub & Grub

## Crawl\*

### Locations - Downtown Wilmington

\*There is no set schedule for the Pub & Grub Crawl ; if you would like to "crawl" with a group meet at New Anthem Brewery at 4:30PM

A

#### Cape Fear Wine & Beer

139 North Front Street

*Excellent selection of craft beer*

B

#### Orton's Pool Room

133 North Front Street

*America's oldest pool room, since 1888*

C

#### Fat Tony's Italian Pub

131 North Front Street

*Italian food and a great back patio*

D

#### The Copper Penny

109 Chestnut Street

*Voted "Best Wings" by Encore Magazine*

E

#### KGB

16 Princess Street

F

#### Bourbon Street

35 North Front Street

G

#### New Anthem Beer Project

116 Dock Street

*Optional Group Meetup, 4:30PM*

H

#### Front Street Brewery

9 North Front Street

*Voted "Best Appetizers" by Encore Magazine*

I

#### A Slice of Life Pizzeria

125 Market Street

*Voted "Best Pizza" and "Best Late Night Eatery" by Encore Magazine*

J

#### Tavern Law 1832

106 N 2nd Street

K

#### YoSake

33 South Front Street

*Downtown sushi lounge & restaurant*

L

#### Blue Post Billiards

15 South Water Street (accessed from Wilkinson's Alley)

*Historic and allegedly haunted pub*

M

#### Ann Bonny's Bar and Grill

101 South Water Street

*Waterfront dining, great for sunsets*

N

#### The Reel Cafe

100 South Front Street

*Outdoor Seating, Live Music*

O

#### The Little Dipper Fondue

138 South Front Street

*Fondue with indoor and outdoor seating*

P

#### The George

128 South Water Street

*Dining on the Riverwalk*

Q

#### Kabob & Grill

5 South Water Street

*Indian dining on the waterfront*

R

#### Beer Barrio

34 N Front Street

S

#### Waterline Brewing Co.

721 Surry Street

*Post Reception Location*







## SESSIONS

### Thursday, November 2 The Terrace on Sir Tyler Drive

8:00 am - 6:00 pm  
**BIKE SKILLS CLASS**

#### **BICYCLING TRAFFIC SKILLS CLASS FOR TRANSPORTATION PROFESSIONALS**

**Stephen Goodridge**, Master Instructor, League of American Bicyclists; Board Member, BikeWalk NC

**Trung Vo**, League Cycling Instructor, League of American Bicyclists; Bicycle and Pedestrian Program Manager, City of Raleigh

**Mike Bassano**, League Cycling Instructor, League of American Bicyclists

This intensive 9-hour on-bike training course teaches the fundamentals of safe, efficient, and lawful bicycle driving in urban traffic. Participants enhance their bike handling skills, increase their confidence in traffic, and improve their understanding of how state traffic laws support successful bicycling. Common bicyclist crash types are examined in the context of defensive bicycling practices. Implications for transportation planning, facility design, and law enforcement are discussed. Students receive certification for completing League of American Bicyclists Traffic Skills 101.

7:00 - 9:00 pm  
**SOCIAL**

#### **MEETUP @ WRIGHTSVILLE BEACH BREWERY**

Enjoy live bluegrass music from Massive Grass Band, food trucks, and half-price appetizers.

### Friday, November 3 (CFCC)

8:00 am - Noon  
**MOBILE TOURS**

#### **SELF-GUIDED MOBILE TOURS**

Detailed tour itineraries are available at the registration booth and online. Bike rentals are available at <https://bikecycles.rentabikenow.com/reserve/> with free delivery. Take your pick from the following mobile tour options:

##### **Walk Downtown Wilmington**

This walking tour of downtown Wilmington will combine a look at historic sites with modern pedestrian safety accommodations. The tour starts and ends at Cape Fear Community College. The tour is 2.5 miles and lasts about one hour.

##### **Bike Downtown Wilmington**

This bicycling tour of downtown Wilmington explores various bicycle facility designs, ranging from on-street accommodations, to shared lanes, to multi-use paths. It also discusses different crossing options for bicyclists. The tour starts and ends at Cape Fear Community College. The tour is 7.2 miles and lasts about one hour with stops.

##### **Bike UNC Wilmington & Environs**

Take this bike tour to see UNC Wilmington's campus and the surrounding area from two wheels.

##### **Longer Bike Ride Loops (River to Sea Trail, Gary Shell Cross-City Trail)**

Explore two of Wilmington's premier cycling and walking facilities: the River to Sea Trail or the Gary Shell Cross-City Trail. Maps are available online:

[http://www.wmpo.org/wp-content/uploads/2017/04/2016-06-22\\_CCTpublicmap.jpg](http://www.wmpo.org/wp-content/uploads/2017/04/2016-06-22_CCTpublicmap.jpg)

<http://www.wmpo.org/wp-content/uploads/2017/04/RiverToSeaBikeMap.jpg>

11:30 am - 12:30 pm  
**LUNCH**

#### **BUFFET LUNCH @ DANIEL BALLROOM**

12:30 - 2:00 pm

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# SESSIONS

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## KEYNOTES

### PLENARY SESSION WITH TRANSPORTATION LEADERSHIP

**Bill Saffo**, Mayor, City of Wilmington

**Landon Zimmer**, NCDOT Board Member, Division 3

**Julie White**, Deputy Secretary for Multimodal Transportation, NC Department of Transportation

### KEYNOTE SPEAKER

**Coralette Hannon**, Senior Legislative Representative for Government Affairs, AARP

**2:30 - 3:30 pm**

### SESSION 1

## 1-1 MOVING IMPLEMENTATION FORWARD

### MAKING THE CONNECTION

**Chad Kimes**, Deputy Division Engineer, Division 3, NC Department of Transportation

**David Leonard**, Division Project Team Lead, Division 3, NC Department of Transportation

NCDOT currently has over a billion dollars worth of projects funded in Southeastern NC. Each specific project will address vehicular and bike/pedestrian issues. We must properly plan and work together in order for each of these projects to be successful for all modes of transportation.

### FROM VISION TO IMPLEMENTATION: BICYCLE AND PEDESTRIAN PROJECT PLANS IN DURHAM AND DUKE

**Scott Lane**, Senior Community Planner, Stantec Consulting Services, Inc.

**Bryan Poole**, Bicycle and Transportation Planner, City of Durham

The Duke Bicycle and Pedestrian Plan and the City of Durham Bicycle + Pedestrian Implementation Plan were developed together, ensuring that both plans were coordinated and synergistic. The process went well beyond traditional planning, with field investigations and detailed recommendations that, along with extensive public input, created plans to get projects completed, faster.

## 1-2 VISION ZERO

### THE SUM OF OUR EFFORTS IS ZERO: RESOURCES & DATA FOR VISION ZERO COMMUNITIES

**Tracy Anderson**, Research Associate, Institute for Transportation Research & Education

**Burke Foley**, Research Associate, Institute for Transportation Research & Education

The NC Vision Zero program aims to eliminate roadway deaths and serious injuries on North Carolina roads. By serving as a clearinghouse for data and resources and as a bridge for traffic safety organizations, the program unites the 5 E's and seeks to amplify safety efforts. This presentation will invite interested groups to join our network and provide information on the growing community of Vision Zero in North Carolina.

### TAMPERING SPEEDS, HASTENING SAFETY: WAYS TO ACCELERATE VISION ZERO PRINCIPLES IN NORTH CAROLINA

**Seth LaJeunesse**, Research Associate, UNC Highway Safety Research Center

**Stephen Heiny**, Junior Research Associate, UNC Highway Safety Research Center

To date, a handful of North Carolina communities have committed to eliminating traffic deaths and serious injuries on their roads. These communities are developing action plans and dedicating resources to address the complex interplay of issues that contribute to road user safety. Yet to realize a future without traffic-related deaths and serious injuries, North Carolina must reconcile the competing interests inherent in expanding fast-paced, interstate commercial activity on one hand, and improving all road users' safety—especially that of bicyclists and pedestrians—on the other. In this session, two researchers with the UNC Highway Safety Research Center will draw from their experience working with cities across the United States and reference established principles of diffusion and social-ecological models of human development, to propose concrete ways session participants can begin accelerating NC communities' efforts to reduce traffic speeds and implement robust bicycle and pedestrian safety countermeasures.





## SESSIONS

### 1-3 MOBILE TOURS

#### BICYCLING AND WALKING TOURS OF SAFETY AND COMPLETE STREETS IN DOWNTOWN WILMINGTON

**Bastian Schroeder**, Principal Engineer, Kittelson and Associated

Walking tour guided by AARP. Bicycling tour guided by Cape Fear Cyclists. Please meet behind Union Station off 2nd Street at the bike racks. Bike rentals are available at <https://bikecycles.rentabikenow.com/reserve/> with free delivery.

**3:45 - 4:45 pm**  
**SESSION 2**

### 2-1 MOVING IMPLEMENTATION FORWARD

#### COMPLETE STREETS AND COMPLETED PROJECTS: MAX YOUR SUCCESS WITH NCDOT

**Betsy Kane**, Transportation Planner, NCDOT Bicycle and Pedestrian Division

**Nick Scheuer**, Transportation Planner, NCDOT Bicycle and Pedestrian Division

Your local bike and walk plans are affected by NCDOT activities and decisions, so – what can you do to get the results you want? Learn the limits – and the powerful potentials – when NCDOT is a partner to project planning and construction.

NCDOT policies on pedestrian and bicycle improvements will be covered briefly, with an emphasis on local communities, cost share, funding, and project implementation. Presenters will share “top tips” for local bike and pedestrian plans to maximize results and accelerate implementation.

#### MOVING COMPLETE STREETS INTO MAINSTREAM: WHAT WILL IT TAKE

**Roger Henderson**, President, BikeWalk NC; Director of Planning, Ramey Kemp & Associates

This presentation will provide discrete steps that an advocate, an agency planner and a consultant can take to help push NCDOT to implement the NC Complete

Streets Policy.

### 2-2 USING SAFE ROUTES TO SCHOOL (SRTS) TO ADVANCE COMPLETE STREETS

#### SRTS AS A CATALYST FOR COMMUNITY ENGAGEMENT & PUBLIC RESOURCE PRIORITIZATION STRATEGIES IN CORNELIUS

**Heather Seagle**, Urban Planner, Alta Planning + Design  
**George Berger**, Region 4 Coordinator, NC Active Routes to School; Cabarrus REACH Safe Routes to School Coordinator, Cabarrus Health Alliance

**Lou Raymond**, Environmental Planning Manager, Mead & Hunt

**Will Washam**, Senior Planner, Town of Cornelius Planning Department

SRTS strategies can: 1) create and harness latent community demand for bicycle and pedestrian infrastructure; 2) build community engagement from the ground up (and from the youngest citizens up); and 3) can focus public resource prioritization at both the policy and the capital facilities level so that not only the school community benefits, but all residents in the area do, particularly in a Complete Streets context.

#### ADVANCING SRTS AND COMPLETE STREETS THROUGH BROADBASED COMMUNITY PARTNERSHIPS IN WAKE COUNTY

**Karen Rindge**, Executive Director, WakeUP Wake County  
**Kristen Brookshire**, Research Assistant, UNC Highway Safety Research Center

**Amy Sackaroff**, Senior Transportation Planner, Stantec Consulting Services, Inc.

**Jennifer Delcourt**, Region 5 Coordinator, NC Active Routes to School

Wake County is one of the fastest growing counties in the country and faces transportation-related challenges, including how to keep all road users safe. The Wake County Model Safe Routes to School project brings together a collaborative working group of public and private organizations to address the safety of child pedestrians and encourage more families to walk, bike and take transit to school. This session highlights how the working group has coordinated efforts and has advanced school policy

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## SESSIONS

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change, Complete Streets policies, and pilot SRTS school projects.

### 2-3 MUNICIPAL BIKE SHARE PANEL DISCUSSION

Five bike share concepts are active in North Carolina, most within the last year. After a brief introduction of the panelists and their bike share experience, an exiting question and answer discussion will be held.

**Daniel Amstutz**, Bicycle and Pedestrian Coordinator and MPO Transportation Planner, City of Greensboro

**Matthew Burczyk**, Transportation Project Planner, City of Winston-Salem

**Caitlin Doolin**, Senior Transportation Engineer, Kittleson & Associates

**Michael Hosey**, Director of Community Engagement and Youth Programming, National Cycling Center

**Trung Vo**, Bicycle and Pedestrian Program Manager, City of Raleigh

**Dianna Ward**, Executive Director, Charlotte B-cycle

**5:00 - 7:00 pm**

### RECEPTION

### RECEPTION @ DANIEL BALLROOM, CAPE FEAR COMMUNITY COLLEGE

Remarks from **John Torbett**, House Representative, House Transportation Committee Chairman

**7:00 - 9:00 pm**

### SOCIAL

### POST-RECEPTION MEET-UP @ WATERLINE BREWING COMPANY

## Saturday, November 4 (UNCW)

**8:00 - 9:00 am**

### BREAKFAST

### BICYCLE/PEDESTRIAN PROFESSIONAL ORGANIZATION GET-TOGETHER

Current and prospective members of APBP-NC (Association of Pedestrian and Bicycle Professionals - NC Chapter) and NCSITE BPUG (North Carolina Section of the Institute of Transportation Engineers Bicycle/Pedestrian Users Group) are encouraged to attend. All are welcome!

**9:15 - 10:15 am**

### PLENARY

### WELCOME

**Lisa Riegel**, Executive Director, BikeWalk NC

**Torre Jessup**, Commissioner, NCDOT Division of Motor Vehicles

### KEYNOTES

**Mike Watson, M.P.P.**, Senior Advisor Livable Community Program, AARP

**Mike Olender**, Manager of Outreach and Advocacy, AARP NC

**10:30 - 11:30 am**

### SESSION 3

### 3-1 MOVING IMPLEMENTATION FORWARD

### COMPLETE STREETS POLICIES AND IMPLEMENTATION: WHO'S BUILDING YOUR BIKE-FRIENDLY INFRASTRUCTURE?

**Paul Black**, Senior Transportation Planner, NC Capital Area Metropolitan Planning Organization

Together, the Capital Area MPO and the Durham-Chapel Hill-Carrboro MPO create a joint, 25-year Metropolitan Transportation Plan that identifies roadway, transit, and



## SESSIONS

bicycle/pedestrian projects that are likely to be funded in that quarter-century.

Participants will learn about an ordinance review that allowed the MPOs to track which jurisdictions require bike and pedestrian infrastructure in their development process. The resulting database is more than a performance measure, but also a code library and policy tool used to help MPO member governments.

### BEYOND BIKE LANES; A LOOK AT COMPLETE STREETS IMPLEMENTATION AND BICYCLE NETWORK DEVELOPMENT IN CORNELIUS, NC

**Will Washam**, Senior Planner, Town of Cornelius Planning Department

**John Cock**, Principal, Southeast Region, Alta Planning + Design

Cornelius, NC is well on its way to developing a comprehensive bicycle network centered on complete streets, neighborhood connections, and a growing greenway system. The development of the town's bicycle master plan provided an opportunity to think "beyond the bike lane" when examining complete streets options for the funded NCDOT roadway projects in town that were scheduled to be designed and constructed within the next 5 years. Along with examining bicycle mobility options for major thoroughfares, this session will highlight the implementation of a low stress bike route network designed to get more residents on their bikes!

### 3-2 USING CRASH DATA: URBAN AND RURAL

#### UNDERSTANDING PEDESTRIAN CRASH TRENDS IN GREENSBORO NC TO INFORM PEDESTRIAN IMPROVEMENTS

**Tyler Meyer**, Transportation Planning Division Manager, City of Greensboro; Technical Coordinating Committee Chairman, Greensboro Urban Area Metropolitan Planning Organization

**Tram Truong**, Transportation Planner, City of Greensboro

The City of Greensboro is committed to making walking a safer and more comfortable way to travel. This

presentation provides in depth analysis on how the City analyzes pedestrian safety problems to spatially analyze a wide variety of data regarding crashes, transportation, land use, and socioeconomic factors.

The City's Vision Zero Campaign involves a concerted effort to implement engineering, enforcement, education, and other strategies with a goal of substantially reducing or eliminating fatal and severe crashes. Presenters will describe the pedestrian crash analysis work in context of the larger Vision Zero effort.

### CYCLING ON RURAL ROADS IN NORTH CAROLINA: A LOOK AT INJURY SEVERITY AND CRASH TYPES ON RURAL ROADS IN COMPARISON TO URBAN ROADS

**Alyson West**, Master's Candidate, Department of City and Regional Planning, UNC Chapel Hill

**James Farrell**, Master's Candidate, Department of City and Regional Planning, UNC Chapel Hill

Rural cycling has been at the center of recent state and county level conversations surrounding road safety laws and best practices with regards to cyclists and motorists 'sharing the road' in North Carolina. Using historical crash data from actual motorist-cyclist crashes that have occurred in North Carolina, we show which on-road conflicts result in the most crashes, and which crashes lead to more severe injury. This presentation will summarize a study that seeks to enable a more data driven approach towards creating road safety policy.

### 3-3 LEVERAGING COMMUNITY ORGANIZATIONS - ROUNDTABLE DISCUSSION KICKOFF

#### DEMONSTRATION PROTECTED BIKE LANES IN CHARLOTTE: HOW NEIGHBORHOOD ADVOCACY CAN LEAD TO PERMANENT CHANGE

**Gabe Dobbs**, Transportation Engineer, Kimley-Horn

Non-traditional partnerships aligned to use temporary structures to promote the benefits of a protected bike lane. A neighborhood association and two small advocacy groups worked with the City of Charlotte to make this



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project come to fruition.”

### ENGAGING THE COMMUNITY THROUGH THE ASSOCIATION OF PEDESTRIAN AND BICYCLE PROFESSIONAL: BIKE RODEOS AND OTHER ACTIVITIES IN THE FAYETTEVILLE AREA AND AROUND THE STATE

**Eric Vitale**, Transportation Planner, Fayetteville Area Metropolitan Planning Organization

The newly formed North Carolina chapter of the Association of Pedestrian and Bicycle Professionals (APBP) has already attracted several hundred professionals, advocates, and citizens and continues to grow. The concept of APBP is simple, create a network of people, bring them together, and host events to form a bicycle and pedestrian community. This presentation will discuss what is currently happening in APBP as well as what is in store for the bright future of this organization. The Fayetteville area is also reaching out to communities through other channels or mediums. This presentation will discuss how and why these bike rodeos have been so successful within the community. Finally, this presentation will discuss other ways bicycle and pedestrian activity has been and will be sparked throughout the area such as the East Coast Greenway, Fayetteville Area Regional Bike Plan, and the City of Fayetteville's Pedestrian Plan.

### PARTNERING WITH LOCAL BIKE CLUBS TO ADVANCE BIKING IN RALEIGH

**Kristy Jackson**, Oaks & Spokes

Hear how Raleigh's local bike club/advocacy organization works with the City and the community to promote bicycling, improve infrastructure, and educate on safety issues.

**11:30 am - 12:45 pm**  
**LUNCH**

**LUNCH @ DUB'S CAFE, WARWICK CENTER**

**12:45 - 1:45 pm**  
**SESSION 4**

### 4-1 UNIVERSITY BIKE SHARE SYSTEMS

#### UNC GREENSBORO DOCKLESS BIKE SHARING

**Suzanne Williams**, Associate Director of Campus Access and Travel Demand Management, UNC Greensboro

The University of North Carolina at Greensboro, in partnership with LimeBike and Greensboro Department of Transportation, is preparing to launch a dockless bike share program in June. This presentation will focus on sharing our findings with others regarding lessons learned.

#### UNC WILMINGTON BIKE SHARE

**Nick Cannon**, Alternative Transportation Coordinator, UNC Wilmington Transportation

UNCW Hawk Wheels Bike Share is a convenient and cost effective solution to getting around campus in a quick and healthy way. Bikes are maintained by the local bike shop - Bike Cycles. At the end of this session, participants can take a short walk outside the building and get a hands on demonstration of the Gotcha with SoBi technology system.

### 4-2 AUTONOMOUS VEHICLE TECHNOLOGY IMPLICATIONS FOR BIKE/PED

#### ADVANCES IN AUTOMATIC COLLISION AVOIDANCE SYSTEMS

**Steve Goodridge**, Board Member, BikeWalk NC

Are autonomous cars and driver assistance systems a safety threat or potential savior for bicyclists and pedestrians? Analysis of the latest intelligent vehicle technology reveals wide variation in safety performance from one product to another. Understanding the inherent capabilities and limitations of these technologies is essential for advocacy of effective regulation of autonomous driving products as they begin rolling on our public streets.



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### 4-3 GUIDED DISCUSSION: ADVANCING COMMUNITY ENGAGEMENT AND CONCURRENT MOBILE SESSION

#### GRASSROOTS ADVOCACY STRUGGLES, STRATEGY, AND SUCCESS

**Amy Easter**, Winston-Salem Cycling Advocacy Network

Local advocacy groups share their biggest challenges and successes, and collectively discuss how to leverage ideas and allies to grow their advocacy network and be more effective in their local communities.

**2:00 - 3:00 pm**

#### SESSION 5

### 5-1 BIKE AND PEDESTRIAN WAYFINDING

#### METRO-STYLE GREENWAY MAP AS REGIONAL VISION

**Paul Black**, Senior Transportation Planner, NC Capital Area Metropolitan Planning Organization

The original “metro map” was the 1933 London subway system map designed by electrical draftsman Harry Beck. The geographic correctness of the map was less important than clearly conveying the system. It became a standard for creating easy-to-understand maps of transit systems around the world. As some regions develop mature greenway systems, this same approach is being applied to visualize regional greenway systems. This presentation will detail how a greenway metro map of the Research Triangle area was created using publicly available data and open source tools, then explore how the map can spur new conversations about the purpose of a greenway and how neighborhood greenways evolve into a regional network.

#### YOU CAN GET THERE: WAYFINDING WITHIN AND BEYOND THE STANDARDS

**Jennifer Baldwin**, Sr. Planning Associate, Alta Planning + Design

Wayfinding systems are essential tools for legible communities. Wayfinding information clarifies routes and helps users comfortably reach destinations. The

provision of navigational elements enhance awareness, economic investment, and environmental benefits, all while contributing to community pride. This session will focus on wayfinding best practices for bicycle, pedestrian and vehicular networks in urban and rural areas.

### 5-2 INTERACTIVE SAFETY PROJECT DEVELOPMENT WORKSHOP

#### WORKSHOP: DEVELOPING SAFETY PROJECTS USING PEDESTRIAN AND BICYCLE ROAD SAFETY AUDITS

**Libby Thomas**, Senior Research Associate, UNC Highway Safety Research Center

**Seth LaJeunesse**, Research Associate, UNC Highway Safety Research Center

The Highway Safety Research Center has spent the past year working with NCDOT and communities in North Carolina to develop guidance to help local agencies identify high risk locations and conduct Road Safety Audits (RSAs). The RSA brings together a multidisciplinary team to document behaviors and risk factors that can influence safety at a particular site. By documenting these observations with findings from analysis of safety data, an agency can make a more compelling case for a particular project to compete for limited safety funds.

This presentation will help equip agencies with the tools needed to identify high risk locations, prepare for and perform a pedestrian and bicycle focused RSA, and document those results to help support safety projects. Lessons learned from pilot RSAs will be shared, as well as recommendations that can be applied in communities across North Carolina.

### 5-3 FACILITATED DISCUSSION: STRENGTHENING COMMUNITY ENGAGEMENT AND CONCURRENT MOBILE SESSION

#### ADVANCING ACTIVE TRANSPORTATION THROUGH CAPACITY BUILDING

**Mike Sule**, Executive Director, Asheville on Bikes

This session will bring advocates and technical experts

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## SESSIONS

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together to discuss strategies and solutions to address the key challenges to safe and accessible walking and bicycling in NC. Participants will develop an action plan for better leveraging organizational strengths.

### MOBILE BIKE TOUR UNCW & ENVIRONS

**Nick Cannon**, Alternative Transportation Coordinator, UNC Wilmington Transportation

This tour is to show the connectivity of the University to other parts of the city including shopping, residential areas, parks, major employers, and scenery in town. This will be a five to six mile round trip leisure ride along the Gary Shell Cross City Trail and will take about an hour. Please meet at the Amphitheatre behind the Fisher Student Center. 15 Hawk Wheels bikes available to participants on a first come, first served basis.

**3:00 - 3:15 pm**  
**CLOSING**

### CLOSING REMARKS

**Lisa Riegel**, Executive Director, BikeWalk NC

**4:30 - 5:15 pm**  
**MOBILE TOUR**

### PUB & GRUB CRAWL

If you would like to go as a group, please meet at the New Anthem Beer Project at 4:30pm for a self-guided Pub & Grub of bars and breweries around Wilmington.

## Sunday, November 5

**9:00 am**  
**SENDOFF**

### COFFEE AND A ROLL BIKE RIDE FROM GREENFIELD LAKE PARK Cape Fear Cyclists

Includes stop for breakfast. More information available under "Rides" at [CapeFearCyclists.org](http://CapeFearCyclists.org).





## FEATURED SPEAKERS



member of the Virginia State Bar. Coralette currently lives in East Windsor, N.J.

**Coralette Hannon** is a Senior Legislative Representative with AARP's Department of Government Affairs. Since joining AARP in 1999, Coralette has served as an issue expert primarily in the areas of housing, transportation, telecommunications and foreclosure prevention. In her position, she provides technical assistance to AARP's state offices to further their strategic engagements in state and local level legislative and regulatory advocacy. Before coming to AARP, Coralette served as an advisor with the Public Service Commission of the District of Columbia focusing on the regulation of telecommunications, energy, and transportation providers. Coralette also served as a legal consultant to the city of Glenarden, MD, as well as an attorney with the Webster & Fredrickson law firm in Washington, DC. Coralette is a graduate of the University of Maryland, College Park, with a B.A. in economics. She also earned a J.D. from Howard University School of Law and is a



**Mike Olender** is Manager of Outreach and Advocacy at AARP North Carolina. He leads a team of regionally-based Associate State Directors throughout North Carolina on AARP member engagement, community relations and partnership development, and legislative advocacy. His work focuses on issues most pressing to people 50+ throughout the state, including working with officials and community partners to make North Carolina more "age-friendly" and helping ensure that older adults have the resources they need to age-in-place with greater independence, dignity and choice. Prior to joining the North Carolina team in 2013, Michael served as Associate State Director of AARP New York. In this capacity he was the AARP representative for Manhattan, the Bronx, Staten Island and the Lower Hudson Valley region of New York State, an area composed of more than 800,000 AARP members. A graduate from Rutgers University, Michael and his family now reside permanently in Apex, North Carolina with his wife Lelah and two small children John and Caroline.



worked as a layout specialist and CEO of Corrugated Converting. Torbett served as a Gaston County Commissioner from 2002 to 2010. He has been married to his wife Viddia for 37 years. They have a daughter and two grandsons.

**John Torbett** is a member of the North Carolina House of Representatives, representing District 108, which encompasses most of Eastern Gaston County. He was first elected to the chamber in 2010 and ran unchallenged in 2010, 2012, 2014, and 2016 Primary and General Election cycles. His committee work spans a myriad of complex issues with a strong leadership role in the Transportation sector, serving currently as: Chairman - Appropriations Committee on Transportation, Chairman – House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions, Chairman – Joint Legislative Transportation Oversight Committee and Chairman – Transportation. He is also Vice Chairman of Appropriations. Previously he served as on the Gaston County Board of Commissioners from 2002 to 2010. Representative Torbett has been the Vice President of North Carolina Operations for Defense Technologies, Inc. since 2003. He previously



**Mike Watson** is a Senior Advisor on the AARP Livable Communities team. In that role he supports the efforts of AARP State Offices in encouraging towns, counties and cities to be more livable for people of all ages through resources and engagement aimed at local leaders, policy makers, planners and citizen activists. Mike helps to lead national partnerships for the livable communities team. Mike has also expand the organization's footprint on livability by leading a strategic partnership with GOVERNING magazine, working with a team to profile community best practices through the award winning book "Where We Live: Communities for All Ages," and helping to launch a targeted outreach effort to reach mayors through the U.S. Conference of Mayors and other forums. A native of Wilmington, North Carolina, Mike holds a bachelor's degree in history with a minor in legal studies from Wingate University. He earned his master's in public policy (focused in social policy, with coursework in land

use planning) from the University of Maryland School of Public Policy. Mike is an avid runner and cyclist who is passionate about creating communities where people of all ages can get around safely. He resides in Annapolis, Maryland with his wife and their two daughters.



**Julie White** is the new head of Multi-Modal Transportation (includes the Division of Bicycle and Pedestrian Transportation, along with Ferries, Aviation, Rail and Transit) at the NC Department of Transportation (NCDOT). Deputy Secretary White comes to the NCDOT with a long history of public service in both state and local government. Over the past two decades she has served in the N.C. Office of the Lt. Governor, the N.C. House of Representatives Majority Leader's Office, the Department of the State Treasurer, and most recently as Executive Director of the N.C. Metropolitan Mayors Coalition. During her nine years with the Metro Mayors Julie was the longest serving member of the Strategic Transportation Investment (STI) Workgroup, lobbied for the STI legislation, and served on the Board of NC GO, a transportation advocacy coalition. She was awarded the WTS Women in Transportation Community Advocate Award, the NCDOT Road Gang Award,

and the Triangle Business Journal's Forty Under Forty Award. Julie earned a Master of Public Administration from N.C. State and is a graduate of the Leadership NC program. Julie resides in Raleigh with her husband and three children.



**Landon Zimmer** obtained a Bachelor of Arts Degree from Duke University, a Juris Doctor Degree from Duke University School of Law and a Master of Business Administration from Duke University Fuqua School of Business. Landon is a partner with Zimmer and Zimmer, L.L.P., Attorneys at Law and a consultant for Reeds Jewelers, Inc. He serves on the board of the North Carolina Department of Transportation and represents the 3rd division. He is also a Commissioner for the North Carolina Wildlife Resources Commission as well as a member of various professional, civic, and social organizations.



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## PRESENTERS

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**Daniel Amstutz**, AICP has been the Bicycle and Pedestrian Coordinator for the City of Greensboro and the Greensboro MPO since March 2013, where he works on long range planning for bicycle and pedestrian infrastructure in the Greater Greensboro region. Prior to coming to Greensboro he worked for the Certification Activities division of the Boston MPO. His interests include the connection between active transportation and urban design and the implications of land use planning on climate change and ecosystem preservation. He received his undergraduate degree in Philosophy from Clark University and his Master's degree in City Planning from Boston University.

**Tracy Anderson** is a Research Associate with the Institute for Transportation Research and Education (ITRE) at NC State University in Raleigh, North Carolina. Tracy serves as Program Coordinator for NC Vision Zero, a statewide traffic safety program to eliminate roadway deaths and injuries in North Carolina. She specializes in transportation safety research, health behavior change campaign development, qualitative research design, and social marketing strategies. Tracy holds a Master's degree in Communication from North Carolina State University.

**Jennifer Baldwin** has over 10 years of multimodal transportation planning experience in both the public and private sector. Having managed bicycle and pedestrian programs at both the state and local level, she brings a unique perspective to comprehensive master planning, public outreach, and project implementation. She is a Senior Planner at Alta Planning + Design.

**George Berger** is the Region 4 Coordinator for the Active Routes to School project, which includes the counties of Alexander, Cabarrus, Catawba, Cleveland, Gaston, Iredell, Lincoln, Mecklenburg, Rowan, Stanly and Union. He has worked since 1993 as a community planner, economic development and downtown revitalization professional, and public administrator managing development projects, collaborative strategic growth efforts, and urban sustainability projects. George received his Master's degree in Community Planning from Auburn University and his Bachelor's degree from Washington & Lee University.

**Paul Black**, AICP, GISP is a Senior Transportation Planner at CAMPO. Previous jobs include GIS Planner in Boone, Garner, Wake County, and the Durham City/County Planning Department, private consulting in North Carolina and the Hudson Valley in New York; research analyst for Lowes Inc.; Assistant Director of Planning & Development at UCPCOG in Rocky Mount, Principal Planner for TJCOG in Raleigh-Durham, & Director of FBRMPO in Asheville. His BA is from UNC Chapel Hill and MA from Appalachian State, both in Geography. He currently serves as the Co-Chair for Communications from the APA state chapter in NC. He is also a board member of the Triangle Greenways Council and the Town of Cary Greenway Committee.

**Kristen Brookshire** is a research assistant at the University of North Carolina (UNC) Highway Safety Research Center (HSRC), where she is focused on conducting and supporting research and programs related to bicycle/pedestrian safety and mobility. Kristen has a master's degree in city and regional planning, with a concentration in transportation, from UNC Chapel Hill and a bachelor's degree from the University of California, San Diego, where she completed a double major in urban studies and planning and sociology. She is a member of the American Planning Association and a co-chair of the Transportation Research Board's Joint Subcommittee on Pedestrian and Bicycle University Education.

**Matthew Burczyk** serves as the Bicycle & Pedestrian Coordinator for the City of Winston-Salem and the Winston-Salem Urban Area MPO, where he is working to build a strong cycling and walking environment through infrastructure improvements and educational and promotional programming. Matthew is a League Cycling Instructor through the League of American Bicyclists and is partnering with Winston-Salem organizations to build an active transportation movement.

**Nick Cannon** is the Alternative Transportation Coordinator at UNC Wilmington. He lead the implementation of Hawk Wheels Bike Share, the first bike share program in the UNC System. Nick serves on the Bike/Ped Committee of the WMPO and is a League Certified Instructor with the League of American Bicyclists. He graduated from UNCW in 2015 with a BA in Public and International Affairs.



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**John Cock**, Principal/Southeast Region, Alta Planning + Design. With experience in local government, private and non-profit sectors, John has developed expertise in the areas of planning and design for walking and bicycling; land use and transportation planning; Smart Growth policy, regulatory, and Complete Streets urban design standards; streetscape and roadway design principles for walkability/bikeability; project management; and group facilitation.

**Jennifer Delcourt** is the Region 5 Coordinator for the Active Routes to School project, including Alamance, Caswell, Chatham, Durham, Guilford, Orange, Person, Rockingham, and Wake counties. Though born and raised in upstate New York, she moved to North Carolina in 2011 to be closer to family and earn a master's degree in public health at the University of North Carolina-Chapel Hill.

**Gabe Dobbs, P.E.**, offers 9 years of engineering experience on a variety of trail, greenway, pedestrian, and bicycle projects, all with Kimley-Horn. He provides expertise in preliminary planning, pedestrian and bicyclist conflict and safety analysis, pedestrian and bicyclist infrastructure design engineering and associated cost and long-term maintenance implications, real estate impacts, and property owner coordination. He has a depth of experience in contract and bid proposal preparation, bidding services, and construction administration.

**Caitlin Doolin** is a senior transportation engineer at Kittelson & Associates. She leads Kittelson's new Charlotte office, which opened in April 2017. Prior to moving to Charlotte, she served as the Pedestrian and Bicycle Coordinator for the Baltimore City Department of Transportation where she managed the implementation of 6 miles of protected bike lane and the launch of Baltimore Bike Share. In her time in consulting she has worked on various transportation engineering and planning projects across 7 states.

**Amy Easter** is an administrative wizard and cycling advocacy geek. She loves learning about new cycling infrastructure, educational programming and policy to make cities more bike friendly. She is heavily involved in three organizations in Winston-Salem NC: Winston-Salem Cycling Advocacy Network (WS CAN), BeersNGears and Forsyth Off Road Bicycle Association (FORBA).

**James Farrell** James is a second-year master's student at UNC Chapel Hill's Department of City and Regional Planning. He works as a research assistant at the Environmental Finance Center housed in UNC's school of government researching water and utility management. His interests in transportation are broad, but he is particularly passionate about data analysis, connected and automated vehicles, and bicycle and pedestrian planning. James' hobbies include singing karaoke, making ice cream, and of course – cycling.

**Burke Foley** is a Research Associate for the Geospatial Analytics and Decision Management group at the Institute for Transportation Research and Education (ITRE) at NC State University in Raleigh, NC. He specializes in data visualization and currently builds online scorecards and dashboards for COVERLAB (Commercial Vehicle Enforcement Resource Lab) and the NC Vision Zero initiative. Burke earned his Master's Degree in Geospatial Information Science and Technology from NC State University in 2011.

**Stephen Goodridge, Ph.D.**, received his doctorate in electrical engineering from North Carolina State University, where his research involved fully autonomous mobile robots, collision avoidance systems, computer vision, and sensor fusion. Steven currently develops advanced sensor systems for the law enforcement and intelligence community at Signalscape, Inc. in Cary, NC. Since joining the BWNC board in 2010, he has focused on cycling education issues, developing the Bicyclist Safety and Law Enforcement training program with local police departments and teaching the Traffic Bicycling for Transportation Professionals course. Steven enjoys bike commuting and is a certified Cycling Savvy instructor and Master League Cycling Instructor.

**Stephen Heiny, M.C.R.P.**, is a Junior Research Associate with the UNC Highway Safety Research Center. He focuses on designing and carrying out in-depth qualitative studies to explore the political and social dynamics of safety programming in cities across the United States. Stephen has contributed to research compilations on best practices related pedestrian safety countermeasures, and has developed reports that examine communities' efforts to reduce speed for young pedestrians and bicyclists, and how consideration of youth safety factors into city's Vision Zero plans and initiatives.



**Roger Henderson** is a consulting engineer and planner, an instructor and a contributor to design manuals. His clients have won awards for projects ranging from the redesign of Hillsborough Street in Raleigh to the vision for better mobility in downtown Asheville. Since 2008, he has been a key member of the National Complete Streets Coalition team, having worked with 50 communities in 25 states to help devise strategies to broaden their base of transportation options. From 2012 through 2016, he has volunteered as President of the Board of Directors of BikeWalk North Carolina – this State’s only statewide advocacy group for cyclists and walkers. Roger is the Director of Planning for Ramey Kemp & Associates, a 50-person employee-owned consulting firm serving the Southeast.

**Michael Hosey** is a daily peddle pusher from Winston Salem. He takes cycling seriously, but not himself. Michael is the Director of Community Engagement and Youth Programming for the National Cycling Center. When he isn’t rolling around on two wheel you might find him rolling on four at the local skatepark with his two boys. Michael is currently helping to establish the foundation of the NCC, which is scheduled to open in the Fall of 2018.

**Kristy Jackson** is a Bicycle & Pedestrian Project Manager/Planner at STEWART. As an everyday bicyclist with enthusiasm for active transportation, Kristy uses practical experience, planning education, technical know-how, mentoring skills, and go-getter attitude to better the bicycling community in North Carolina. She founded Oaks and Spokes, a 501(c)(3) non-profit organization whose mission is to foster the community of people who ride bikes in Raleigh.

**Betsy Kane** joined the NCDOT Bicycle and Pedestrian Division in 2015 as a Transportation Planner. Previously, she was a planner with the Department of Commerce Division of Community Assistance, and with NCDOT as a Community Planner III in the Project Development and Environmental Analysis branch. She worked in private consulting firms for several years, focusing on land use, small area / corridor planning, placemaking, and downtown revitalization. She has a master’s degree in urban and regional planning from the University of Florida and graduated with honors from the UNC Chapel Hill School of Law.

**Chad Kimes**, PE was born and raised in Franklinville, NC. He graduated from the University of North Carolina at Charlotte in 1994 in Civil Engineering. Chad is also a licensed Professional Engineer in the State of North Carolina. He began work with the North Carolina Department of Transportation (NCDOT) while attending college in 1989, and began a fulltime engineering career with the Department in 1994. In his new role, he manages all project development, maintenance activities, construction projects in Brunswick, New Hanover, Pender, Onslow, Duplin, and Sampson Counties. Chad is very grateful for being able to make needed improvements to all modes of transportation in our region.

**Scott Lane** is a Senior Community Planner with Stantec Consulting, specializing in integrating economic, environmental, security and other important community objectives in urban planning and design. Mr. Lane has worked in both the public and private sectors on projects from Alaska to Florida. He is a League of American Bicyclists Certified Master Instructor (#3102), and likes to help people become better, safer, and happier cyclists.

**Seth Lejeunesse**, C.A.G.S., M.C.R.P., is a Research Associate with the UNC Highway Safety Research Center where he administers a national school transportation database, manages safety- and physical activity-related program evaluations, and provides research design consultation to researchers and practitioners working within a variety of federal, state, and local agencies. Seth is an active member of the American Evaluation Association, the American Public Health Association, and TRB’s Pedestrians Committee.

**David Leonard** is originally from Cullowhee, NC. He graduated from North Carolina State University in 2006 with a BS in Civil Engineering. He has been employed with the Department of Transportation for approximately 11 years. In this time he has held positions including Assistant District Engineer, County Maintenance Engineer, Division Design Construct Engineer, Project Manager and most recently Division Project Team Lead. In this role, David is responsible for the oversight of Division managed design projects for Division 3, which includes Brunswick, New Hanover, Onslow, Duplin, and Sampson Counties.

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**Tyler Meyer**, AICP is the Transportation Planning Division Manager for the City of Greensboro and the Technical Coordinating Committee Chairman for the Greensboro Urban Area Metropolitan Planning Organization. Tyler Meyer has long been involved in various aspects of transportation planning, including system planning studies, MPO transportation plans, and broader community planning efforts. He has done much work on transportation finance, prioritization, MPO-State relations, project development and implementation related activities for roadways, public transportation, pedestrian and bicycle projects.

**Bryan Poole** is Bicycle and Transportation Planner for the City of Durham. Prior to working for the City, he worked throughout North Carolina as a planner with NCDOT's Division of Bicycle and Pedestrian Transportation, and as a research assistant at the national clearinghouse Pedestrian and Bicycle Information Center. He enjoys commuting by bike with his daughter to work/preschool and competing as a weekend warrior triathlete.

**Lou Raymond**, PE, AICP, has over 20 years of environmental experience in the transportation industry, including more than 15 years with environmental planning projects and NEPA documentation while working in both the public and private sectors. He has directly coordinated and managed several roadway/highway projects for NCDOT and municipalities. Additionally, he managed the preparation of five SRTS Action Plans covering 17 elementary and middle schools for the NCDOT Bicycle and Pedestrian Division.

**Lisa Riegel** is BikeWalk NC's first executive director, leading their work towards a more walkable, bicycling-friendly state through advocacy, promotion and education. Lisa serves on the state's Vision Zero Task Force and the Town of Cary Greenway Committee. Prior to joining BWNC, she worked for the Department of Environment and Natural Resources running a land conservation program. While with DENR she served on several collaborations such as NCDOT's Statewide Bike and Pedestrian Master Plan (WalkBikeNC) Steering Committee, the NC Climate Action Plan Advisory Group and worked with the NC Sustainable Communities Task Force. Lisa graduated from Duke University with a BS in geology and a MS in Engineering Geology (hydrology) from Drexel University.

**Karen Rindge** is Executive Director of WakeUP Wake County, a non-partisan, non-profit citizens' organization promoting good growth solutions for a sustainable, healthy Wake County. Since 2006, she has led WakeUP, serving first as Chair. She managed the Moving Wake County Forward campaign that helped pass the transit referendum in 2016, and she is a member of the Raleigh Transit Authority board.

**Amy Sackaroff** is a senior transportation planner with 17 years of experience in developing sustainable solutions for complex transportation projects across the Carolinas. Amy manages the development of technical studies, community engagement, interagency coordination, and the preparation of environmental documents pursuant to the National Environmental Policy Act (NEPA).

**Nick Scheuer** is a Transportation Planner with the NCDOT Bicycle and Pedestrian Division. Previously, he was a transportation planner in NCDOT's Public Transit division and a regional planner for the Kerr-Tar Council of Governments, where he developed the Kerr-Tar regional bike plan, among other projects. Nick has extensive experience in coordinating regional plans with local governments, developing multi-disciplinary transportation plans and projects, grants management, and GIS initiatives. He holds a master's degree in city and regional planning from Virginia Polytechnic Institute.

**Bastian Schroeder** is a principal engineer with Kittelson and Associates, Inc. and leads the company's Wilmington, NC office. He specializes in applied multimodal transportation research and implementation, and leads projects at the local, state, and federal levels. His recent projects include a guidebook for making roundabouts accessible to pedestrians with vision disabilities, and guidance for pedestrian and bicycle accommodations at alternative intersections and interchanges.

**Heather Seagle** is an urban planner and public health professional with Alta Planning + Design. She has an interest in how opportunities for walking and biking impact the health of our communities. She has research experience in the intersection of public health and urban planning, with a focus on active transport planning, the built environment, and the effects on chronic disease. She is an active advocate for bicycle safety and awareness in her community and neighborhood near Charlotte.





**Mike Sule** is the co-founder and director of Asheville on Bikes (AoB), a nonprofit whose mission it is to cultivate the culture of urban and commuter riding through advocacy and celebration. Sule has spearheaded a variety of advocacy campaigns, education programs, and event that support AoB's mission. He was co-chair of last year's Bike Summit in Asheville.

**Libby Thomas**, M.S., has 16 years of experience conducting crash data analysis, performing critical literature reviews, and developing safety tools and resources in the focus areas of bicycle and pedestrian safety and speed. She currently serves as a technical adviser on FHWA's Focus States and Cities project for pedestrian safety; and is leading efforts to develop a systemic (risk assessment) safety process for pedestrian safety for NCHRP. Thomas founded the Transportation Research Board Traffic Speed and Safety joint subcommittee.

**Tram Truong**, GISP received her Master's degree in Regional and City Planning at the University of Oklahoma. Currently, she is a Transportation Planner at the Greensboro Urban Area Metropolitan Planning Organization. Her duties include GIS development, data analysis, and Transportation System Planning. Tram Truong has a passion in utilizing GIS in transportation planning to support making decision and linking multi-modal transportation planning with mixed use land development planning.

**Eric Vitale** is a transportation planner with the Fayetteville Area MPO where he's served for more than two years. He works on various elements of the transportation planning process but his specialty is in bicycle and pedestrian planning. As a graduate of East Carolina University, Eric enjoys working and living in North Carolina. By serving on the board of North Carolina's Association of Bicycle and Pedestrian Professionals Chapter and partnering with various local organizations.

**Trung Vo** is the Bicycle and Pedestrian Program Manager for the City of Raleigh. As a licensed engineer and certified planner, his work includes planning and designing bikeways and walkways, education and outreach, and the implementation of Raleigh's newest transportation option: bikeshare. Before coming to the City of Raleigh, Trung spent six years as an active transportation consultant, focusing on long range transportation plans across North Carolina and the southeast.

**Dianna Ward** is the Executive Director of Charlotte B-cycle, responsible for managing and growing the bike share system in Charlotte's urban core. Honored as one of the 50 most influential women in Charlotte. She has served on the Board of Directors for the North American Bikeshare Association (NABSA) and was recently elected to serve as President. In addition, she owns Charlotte NC Tours, Greenville Glides, Bike the Rabbit, Kansas City Segway Tours, and Chattanooga Segway & Bike. A native of Albuquerque New Mexico, Dianna holds a B.S. in Mathematics from Grinnell College and a Masters in Operations Research and Statistics from NC State University.

**Will Washam** is a Senior Planner with the Town of Cornelius Planning Department. He served as the lead staff member for the development of Cornelius' Bicycle Master Plan and is responsible for coordinating the implementation of the infrastructure, programming and policy recommendations from the plan. Outside of municipal service, Will is the Vice-President of the Tarheel Trailblazers.

**Alyson West:** After a twenty year career in the music industry, including ten years spent in Germany and Australia, Alyson is now working on turning her passion for active transportation into a second career in Bicycle and Pedestrian Planning. A second year Master's student in City and Regional Planning at the University of North Carolina, Alyson enjoys spending time with her second grader, pursuing all manner of curiosities and riding all of the bikes. Alyson is employed as a part time research assistant at the Highway Safety Research Center in Chapel Hill, NC.

**Suzanne Williams** brings over 20 years of experience to her current position as Associate Director and Transportation Demand Manager at The University of North Carolina at Greensboro. In collaboration with university and community stakeholders, Suzanne is committed to the continued implementation of UNCG's Transportation Master Plan and Bicycle Master Plan. She promotes a variety of multi-modal sustainable transportation options including walking, bicycling, car sharing, ride sharing, public transit, and right-sized parking. An alumna of UNCG, Suzanne also has experience in the private sector as a small business owner and consultant.

# ACKNOWLEDGMENTS



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**BikeWalk NC would like to thank the 2017 NC Bike/Walk Summit Conference Planning Committee for all of their hard work and assistance.**

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