



# International Conference on Recent Progress in Many-Body Theories XXI

The Carolina Inn  
University of North Carolina at Chapel Hill  
September 12th-16th, 2022

# Scientific program overview

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	<b>Condensed Matter I</b>	<b>Computational Physics II</b>	<b>Nuclear Theory II</b>	<b>Condensed Matter III</b>	<b>New Developments I</b>
	<b>Quantum Information I</b>	<b>Quantum Fluids I</b>	<b>Awards session</b>	<b>Quantum Fluids II</b>	<b>New Developments II</b>
	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
	<b>Nuclear Theory I</b>	<b>Quantum Information II</b>	<b>Awards session</b>	<b>Condensed Matter IV</b>	
	<b>Computational Physics I</b>	<b>Condensed Matter II</b>	<b>Excursion</b>	<b>Computational Physics III</b>	
<b>Check-in and Reception</b>			<b>Banquet</b>		

**Sunday, September 11th, 2022.**

**6:00 pm – 8:00 pm:** Check-in and Reception in the **Old Well room**.

**Poster sessions** are scheduled during all the coffee and lunch breaks, in the **Chancellors Ballroom**. Poster spaces will be available for sizes up to 48 inches by 36 inches.

**Breakfast** will be served every day from 7am-8am in the **Chancellors Ballroom**.

**Talks** will take place in the **Hill Ballroom**.

**Monday, September 12th, 2022.**

7:30 - 8:00	Registration	Outside Hill Ballroom
8:00 – 8:30	Opening remarks	Hill Ballroom

# Monday, September 12th

<b>Condensed Matter I</b>  <b>Session Chair:</b> <b>Ray Bishop</b>	8:30-9:00	Michael Potthoff	Interacting Chern Insulator in Infinite Spatial Dimensions
	9:00-9:30	Natalia Perkins	Disorder in the Kitaev spin liquid
	9:30-10:00	Armin Rahmani	Probing Geometric Excitations of Fractional Quantum Hall States on Quantum Computers.
	<b>10:00 – 10:30</b>	<b>Coffee break</b>	
<b>Quantum Information I</b>  <b>Session Chair:</b> <b>Gerardo Ortiz</b>	10:30-11:00	Zohreh Davoudi	A quantum-simulation program for QCD?
	11:00-11:30	Lev Bishop	TBA
	11:30-12:00	Lex Kemper	Lie Algebraic perspectives on time evolution of unitary quantum systems and simulators.
	12:00-12:30	Hatem Barghathi	A Compact Unary Coding for Bosonic States
	<b>12:30 – 2:00</b>	<b>Lunch break: Chancellors Ballroom</b>	
<b>Nuclear Theory I</b>  <b>Session Chair:</b> <b>Jon Engel</b>	2:00-2:30	Francesco Pederiva	First baby-steps in the simulation of nuclear reactions on quantum computers
	2:30-3:00	Aurel Bulgac	Unraveling The Many Facets of Non-Equilibrium Fission Dynamics: A Real-Time Quantum Approach
	3:00-3:30	Carlo Barbieri	New Advances in self-consistent Green's function with Gorkov propagators
	3:30-4:00	Francesco Marino	Ab initio-based nuclear energy functionals: Constraints from the nuclear matter response
	<b>4:00 – 4:30</b>	<b>Coffee break</b>	
<b>Computational Physics I</b>  <b>Session Chair:</b> <b>Joaquin Drut</b>	4:30-5:00	David Jansen	DMRG methods for dynamical properties of electron-phonon systems at finite temperatures
	5:00-5:30	Jane Kim	Neural Network Ansätze for Infinite Matter
	5:30-6:00	Megan Moss	Combining data-driven and Hamiltonian-driven training for learning quantum ground states.
	6:00-6:30	Alessandro Lovato	Neural network quantum states for atomic nuclei

# Tuesday, September 13th

<b>Computational Physics II</b>  <b>Session Chair: Alessandro Lovato</b>	8:00-8:30	Florian Ehmann	A Pairing Field Approach to Ultracold Fermi Gases
	8:30-9:00	Hanna Terletska	Understanding Electron Localization in Quantum Materials Using Quantum Cluster Embedding Tools.
	9:00-9:30	Julie Butler	Application of Machine Learning to Many-Body Studies of Infinite Nuclear Matter
	9:30-10:00	Rubem Mondaini	Hamming Distance and the onset of quantum criticality
	<b>10:00 – 10:30</b>	<b>Coffee break</b>	
<b>Quantum Fluids I</b>  <b>Session Chair: Michael Scherer</b>	10:30-11:00	Dmytro Pesin	Coherence properties of a Raman-coupled pseudospin-1/2 BEC
	11:00-11:30	Thomas Gasenzer	Universal dynamics near non-thermal fixed points
	11:30-12:00	Yi-Hsien Du	Decay rate of the Tkachenko mode
	12:00-12:30	Keisuke Fujii	Universal induced interaction between heavy polarons in superfluids — Effective field theory approach to polaron physics—
	<b>12:30 – 2:00</b>	<b>Lunch break: Chancellors Ballroom</b>	
<b>Quantum Information II</b>  <b>Session Chair: Lex Kemper</b>	2:00-2:30	Gerardo Ortiz	Fundamentals of Entangled Probes for Entangled Matter
	2:30-3:00	Jonathan Engel	Solving Nuclear Structure Problems with the Adaptive Variational Quantum Algorithm
	3:00-3:30	Adrian Del Maestro	Equivalence of Spatial and Particle Entanglement Growth After a Quantum Quench
	3:30-4:00	Mario Motta	Experimental realization of a measurement-induced entanglement phase transition on a superconducting quantum processor
	<b>4:00 – 4:30</b>	<b>Coffee break</b>	
<b>Condensed Matter II</b>  <b>Session Chair: Armin Rahmani</b>	4:30-5:00	Ribhu Kaul	Duality and Domain Wall Dynamics in CoNb <sub>2</sub> O <sub>6</sub>
	5:00-5:30	Carolyn Zhang	Bulk and edge signatures of interacting Floquet systems

# Wednesday, September 14th

<b>Nuclear Theory II</b>  <b>Session Chair:</b> <b>Thomas Duguet</b>	8:00-8:30	Thomas Schaefer	Stochastic Fluid Dynamics and Fluctuations in Relativistic Heavy Ion Collisions
	8:30-9:00	Sonia Bacca	Ab-initio electroweak reactions with nuclei
	9:00-9:30	Michael Urban	Fermi gases and neutron matter with low-momentum interactions
	9:30-10:00	Gaute Hagen	Advances in coupled-cluster computations of nuclei
	<b>10:00 – 10:30</b>	<b>Coffee break</b>	
<b>Feenberg Award Session</b>  <b>Session Chair:</b> <b>Gerardo Ortiz</b>	10:30-10:45	Gerardo Ortiz	Laudatio Feenberg
	10:45-11:15	Antoine Georges	What have we learned from Dynamical Mean Field Theory and what lies ahead?
	11:15-11:45	Gabriel Kotliar	Towards a Theory of Strongly Correlated Materials the Dynamical Mean Field Theory Road
	11:45-12:15	Dieter Vollhardt	Solving correlated electron problems in infinite dimensions
	<b>12:30 – 2:00</b>	<b>Lunch break: offsite, unstructured.</b>	
<b>Kuemmel Award Session</b>  <b>Session Chair:</b> <b>Cristian Batista</b>	2:00-2:15	Cristian Batista	Laudatio Kuemmel
	2:15-2:45	Aavishkar Patel	Strange Metals: Strongly Correlated Quantum Matter with Spatially Random Interactions
	<b>2:45-6:30</b>	<b>Excursion time</b>	
	<b>6:30-8:30</b>	<b>Banquet at “The Story”</b> <b>450 W. Franklin St.</b> <b>Chapel Hill, NC 27516</b>	

## Notes:

- There are many options for lunch in downtown Chapel Hill. See the next few pages for more information.
- Similarly, see below for options for excursions and things to do in Chapel Hill on Wednesday afternoon.



# Thursday, September 15th

<b>Condensed Matter III</b>  <b>Session Chair: Dmytro Pesin</b>	8:00-8:30	Frederic Mila	Thermal properties of frustrated quantum magnets
	8:30-9:00	Frithjof Anders	Strongly correlated multi-impurity models: The crossover from a single-impurity problem to lattice models
	9:00-9:30	Michael Scherer	Functional RG approach to competing instabilities of the extended Hubbard model on the triangular lattice and application to Moiré materials
	9:30-10:00	Nitin Kaushal	Magnetic ground states of honeycomb lattice Wigner crystals
	<b>10:00 – 10:30</b>	<b>Coffee break</b>	
<b>Quantum Fluids II</b>  <b>Session Chair: Michael Urban</b>	10:30-11:00	Pierbiagio Pieri	FFLO correlations in polarized ultracold Fermi gases
	11:00-11:30	Piotr Magierski	Spin-polarized vortices with reversed circulation
	11:30-12:00	Carlos Sa de Melo	Density induced BCS-Bose evolution in gated two-dimensional superconductors
	12:00-12:30	Yusuke Nishida	Nonrelativistic conformality and hydrodynamics
	<b>12:30 – 2:00</b>	<b>Lunch break: Chancellors Ballroom</b>	
<b>Condensed Matter IV</b>  <b>Session Chair: Michael Potthoff</b>	2:00-2:30	Raymond Bishop	Frustrated spin- $\frac{1}{2}$ Heisenberg magnet on a honeycomb bilayer: A high-order study of its phase diagram
	2:30-3:00	Thomas Barthel	Criticality and phase transitions in open quantum many-body systems
	3:00-3:30	Dmitry Abanin	Ergodicity breakdown, entanglement, and non-equilibrium quantum matter
	3:30-4:00	Erik Sorensen	Novel phases of Kitaev Chains and Ladders
	<b>4:00 – 4:30</b>	<b>Coffee break</b>	
<b>Computational Physics III</b>  <b>Session Chair: TBA</b>	4:30-5:00	Khandker Quader	e-DMFT based Correlation-Temperature Phase Diagram of Prototypical Rare-earth Nickelates
	5:00-5:30	Omokuyani Udiani	Convergence Acceleration Using Novel Insights on the In-Medium SRG and Unitary Coupled Cluster Theory
	5:30-6:00	Yosuke Kanai	All-electron Bethe–Salpeter equation approach for core electron excitation
	6:00-6:30	Seiji Yunoki	TBA

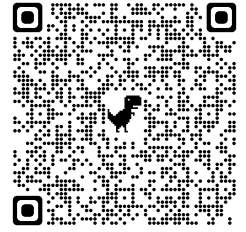
# Friday, September 16th

<b>New Developments I</b>  <b>Session Chair:</b> <b>Carlo Barbieri</b>	8:00-8:30	Silvio Vitiello	Kinetic energies of 3He-4He mixtures
	8:30-9:00	Jordi Boronat	Finite-range effects in dilute quantum gases
	9:00-9:30	Shangshun Zhang	Ground state and low-energy excitations of a quantum critical superconductor
	9:30-10:00	Dean Lee	Lattice simulations for the nuclear many-body problem
	<b>10:00 – 10:30</b>	<b>Coffee break</b>	
<b>New Developments II</b>  <b>Session Chair:</b> <b>Thomas Papenbrock</b>	10:30-11:00	Thomas Duguet	Capturing both dynamical and static correlations in atomic nuclei: advantage of pre-processing the Hamiltonian and spontaneously breaking (and restoring) symmetries
	11:00-11:30	Alexander Tichai	Ab initio nuclear structure from the density matrix renormalization group
	11:30-12:00	Takashi Nakatsukasa	Requantization of TDDFT on collective subspace
	<b>12:00</b>	<b>Joaquín Drut - Closing remarks</b>	

# Restaurants and Cafes in Chapel Hill

For a comprehensive list of local restaurants, follow the QR code on the right or go to [visitchapelhill.org/restaurants](https://visitchapelhill.org/restaurants)

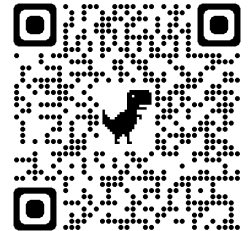
Alongside this brochure, you will also find a map showing the restaurants.



# Places to see and things to do in Chapel Hill

For a comprehensive list of things to do, follow the QR code on the right, or go to [visitchapelhill.org/things-to-do/must-sees/](https://visitchapelhill.org/things-to-do/must-sees/)

Within walking distance:

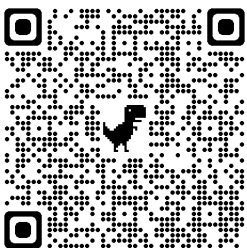


- Ackland Art Museum
- Bolin Creek Walking Trail (paved) 1.5 miles - walking or biking - trailhead on Cotton Street, blocks from Carolina Inn. 10' wide paved trail through meadow and wooded floodplain.
- Battle Branch Walking Trail (unpaved) 1.5 miles - walking - trailhead on Country Club Road on campus. Natural surface trail through upland forest area. Moderate slopes and some terrain muddy after rains.  
See map attached to this brochure.
- Guided Tours in Chapel Hill - [visitchapelhill.org/things-to-do/guided-tours/](https://visitchapelhill.org/things-to-do/guided-tours/)

# Utilize free buses to get around town

All Chapel Hill Transit (CHT) buses are free and operate fixed-route bussing from 5:00 a.m. to 1:15 a.m. Monday through Friday, 8:00 a.m. to 6:30 p.m. on Saturday, and 10:30 a.m. to 11:30 p.m. on Sunday year round.

Routes and schedules: [townofchapelhill.org/government/departments-services/transit/routes-schedules](https://townofchapelhill.org/government/departments-services/transit/routes-schedules)





# Contact information

## Conference Coordinator

Sarah Van Heusen - 919-323-2061 or [sarahvh@email.unc.edu](mailto:sarahvh@email.unc.edu)

## Local Organizing Committee Chair

Joaquin Drut - 206-303-7698 or [drut@email.unc.edu](mailto:drut@email.unc.edu)

# Covid19 testing Information

There are two options for COVID testing in and near Chapel Hill. You need to register prior to arrival by using the link below for the site where you will be completing the testing. When you register, it will provide you with a QR code that you will use to complete the COVID test and to receive your results. Results are available 24-72 hours after you complete the COVID test.

Please let Sarah Van Heusen know when you want to schedule COVID testing so she can arrange transportation to and from the testing site. There is also free busing from the Chapel Hill site on the “HS” (health and services) bus.

## Chapel Hill Testing Site

Days Available - Tuesday and Thursday

Time Available - 8 am to 3 pm

Address - 2501 Homestead Road, Chapel Hill at the Southern Human Services Center

Register for testing - <https://bit.ly/makotestingch> or call (919) 913-8088.

Utilize the “HS” bus for transportation to the Chapel Hill testing site.

Route information



[townofchapelhill.org/government/departments-services/transit/routes-schedules/all-routes-schedules/hs-route](https://townofchapelhill.org/government/departments-services/transit/routes-schedules/all-routes-schedules/hs-route)

Bus is available at a stop near Carolina Inn at approximately 8:00 a.m., 8:30 a.m., 9:00 a.m., 9:40 a.m., 10:15 a.m., 10:50 a.m., 11:25 a.m., 4:05 p.m., 4:40 p.m., 5:15 p.m.

## Hillsborough Testing Site

Days Available - Monday, Wednesday and Friday

Time Available - 9 am to 4 pm

Address - 113 Mayo St., Hillsborough (in front of the Dept. of Social Services)

Register for testing - <https://bit.ly/makotesting> or call (919) 913-8088.

# Sponsors

We are very grateful to our sponsors: CoSMS institute (UNC Chapel Hill), Duke University, North Carolina State University, and Oak Ridge National Laboratory, for their generous donations that made this conference possible.

Keynote speakers are supported in part by a grant supplement from the U.S. National Science Foundation.

We are also thankful to Lenovo, Inc. for donating laptop computers that will be awarded to the best oral and poster contributions by students.



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

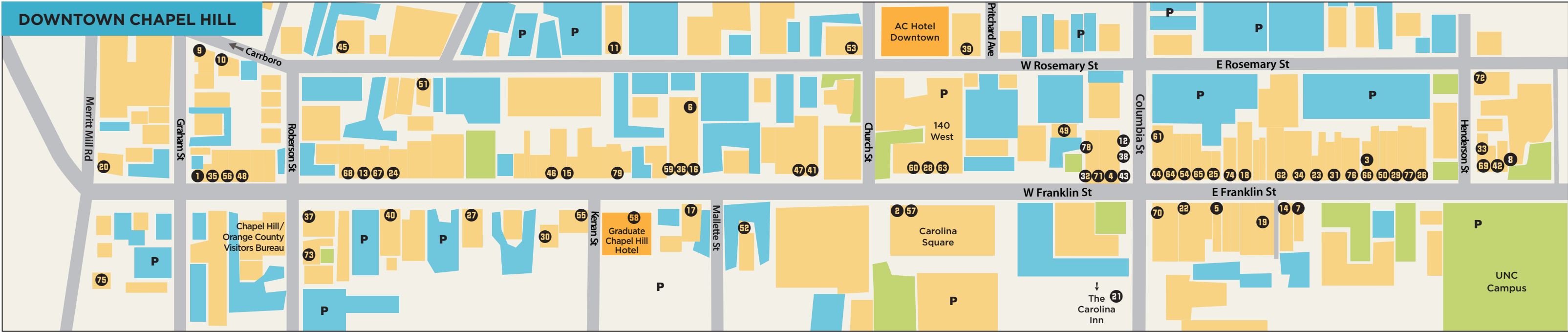
**NC STATE**  
UNIVERSITY

**Duke**  
UNIVERSITY



**OAK  
RIDGE**  
National Laboratory

**Lenovo**



DOWNTOWN CHAPEL HILL

1. Al's Burger Shack

2. B.GOOD

3. Bandido's Mexican Cafe

4. Ben & Jerry's

5. Benny Cappella's

6. Blue Dogwood Public Market

7. Blue Spoon Microcreamery

8. Bonchon Chicken

9. Brandwein Bagels

10. Bread and Butter Bakery

11. Breadmen's

12. Buns

13. Carolina Brewery

14. Carolina Coffee Shop

15. Cha House

16. Chimney Indian Kitchen & Bar
17. Chipotle's Mexican Grill

18. Cold Stone Creamery

19. Cosmic Cantina

20. Crook's Corner

21. Crossroads Chapel Hill

22. Curry Point Express

23. Dame's Chicken & Waffles

24. Elaine's on Franklin

25. Epilogue Books Chocolate Brews

26. Four Corners

27. Four Eleven (411) West

28. Frutta Bowls

29. Grk Yeero

30. Heavenly Buffaloes

31. Hibachi & Company

32. I Love New York Pizza
33. Imbibe

34. Insomnia Cookies

35. Italian Pizzeria III

36. Jimmy John's Sandwich Shop

37. Kipos Greek Taverna

38. Kurama Sushi & Noodle Express

39. La Residence

40. Lantern Restaurant

41. Lime & Basil

42. Linda's Bar & Grill

43. Lotsa Stone Fired Pizza

44. Lula's

45. Mama Dip's Kitchen

46. Mediterranean Deli & Catering

47. Might As Well Bar and Grill

48. Mint Indian Cuisine
49. Moe's Southwest Grill

50. Ms. Mong

51. Northside District (The)

52. Panera Bread Company

53. Pantana Bob's

54. Peño Mediterranean Grill

55. Perennial Coffee & Pastries

56. Pho Happiness

57. Pizza Press (The)

58. Poindexter's @ Graduate Chapel Hill

59. Purple Bowl (The)

60. Que Chula

61. Savor Eatery & Bakery

62. Shanghai Dumpling

63. Spicy 9 Sushi

64. Starbucks Coffee
65. Sup Dogs

66. Sutton's Drug Store

67. Talulla's Mezze Lounge & Bar

68. Three Waters Cafe

69. Time-Out

70. Top of the Hill Restaurant & Brewery

71. Trolley Stop - The Beach

72. TRU Deli & Wine

73. Vimala's Curryblossom Cafe

74. Waffle House

75. Walt's Grill

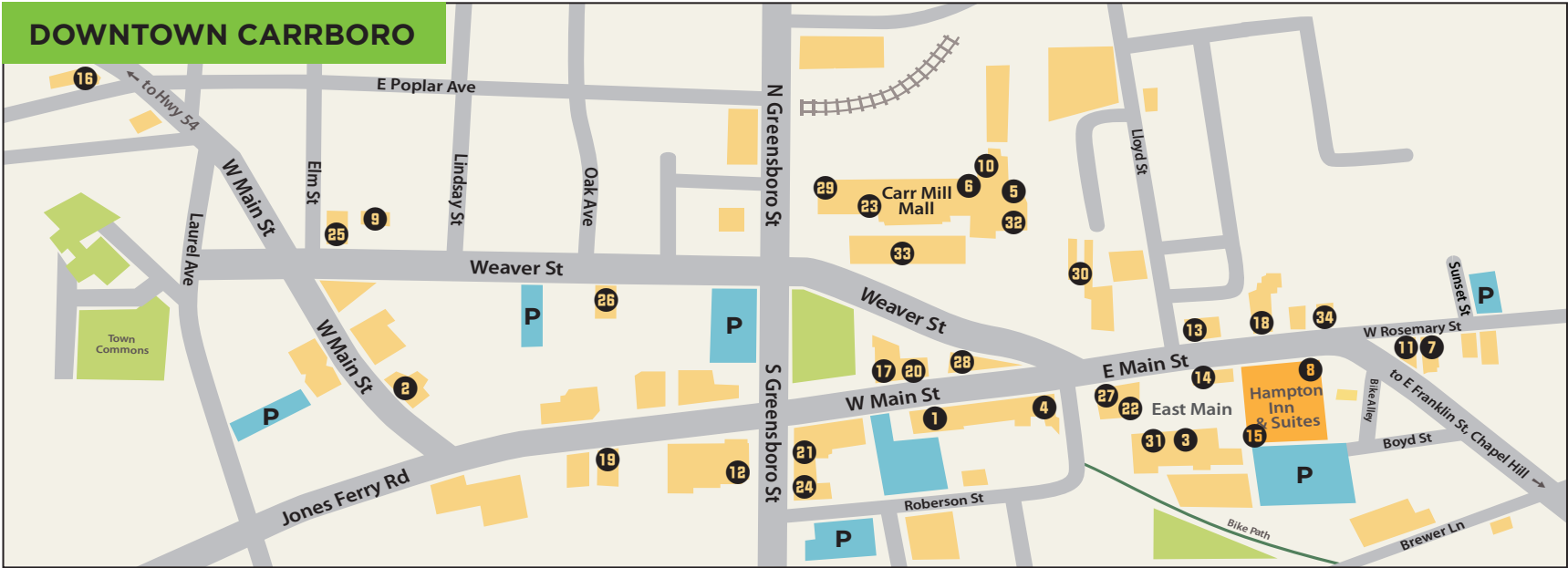
76. Yaya Tea

77. Ye Olde Waffle Shop

78. Yogurt Pump (The)

79. Cholanad Restaurant & Bar

More Chapel Hill Restaurants on back



DOWNTOWN CARRBORO

1. Acme Food & Beverage Co

2. Akai Hana Japanese

3. Amante Gourmet Pizza

4. Armadillo Grill

5. B-Side Lounge

6. Carrboro Pizza Oven

7. Carrburritos Taqueria

8. Cham Thai Cuisine

9. Country Junction

10. Elmo's Diner

11. 401 Main

12. Glasshalfull

13. Gourmet Kingdom Chinese
14. Gray Squirrel Coffee

15. Hickory Tavern Café

16. Honeysuckle Cafe & Bar

17. Jade Palace Restaurant

18. Luna Rotisserie & Empanadas

19. Mel's Commissary & Catering

20. Napoli Pizzeria & Gelateria

21. Neal's Deli

22. Oakleaf

23. Oasis at Carr Mill

24. Open Eye Café

25. Pizzeria Mercato

26. Provence of Carrboro

27. Rise Southern Biscuits & Righteous Chicken
28. Spotted Dog

29. Tandem

30. Thai Station Restaurant

31. Vecino Brewing Co. & Restaurant

32. Venable Rotisserie Bistro

33. Weaver Street Market Cafe

34. Wings Over Chapel Hill

On Back: Coronato Pizza

Not on Map: CARRBORO PLAZA/AREA

Anna Maria's Pizzeria

104 Hwy 54 West

China Wok

104 Hwy 54 West
- Johnny's Gone Fishing

901 West Main St

Monterrey Mexican

104 Hwy 54 West

Sushi Nikko

104 Hwy 54 West

Wingman

104 Hwy 54 West

WILLOW CREEK

Aidan's Pizza

602 Jones Ferry Road

Hong Kong Chinese

602-R Jones Ferry Road

- HWY 54 WEST, EFLAND & MEBANE

Colorado Burrito

6102 US Highway 70, Mebane

Fiesta Grill

3307 NC Highway 54 West, Chapel Hill

Huey's Restaurant and Oyster Bar

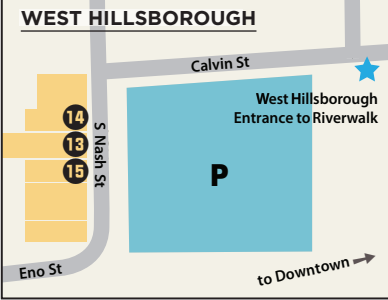
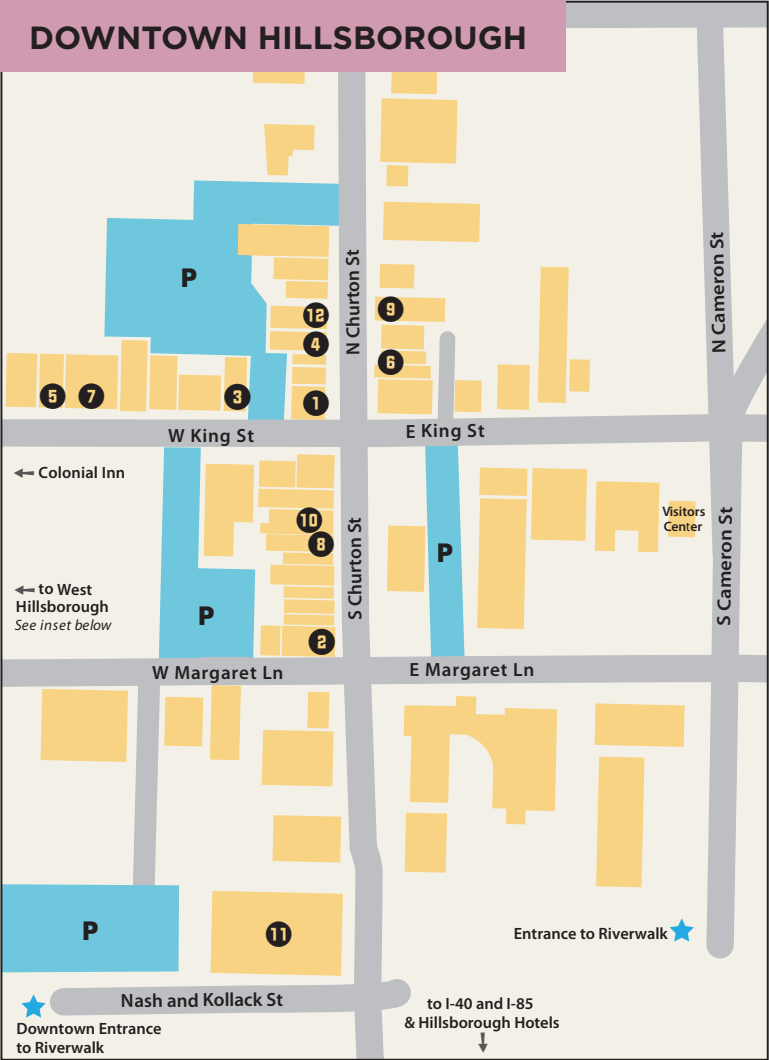
7601 US Highway 70, Mebane

Iron Skillet (The)

500 Buckhorn Road, Mebane

Missy's Grill

321 Mount Willing Road, Efland



- WEST HILLSBOROUGH

13. Hillsborough BBQ Company

14. Napoli (coming soon)

15. Whit's Frozen Custard

- Not on Map: HAMPTON POINTE (New Hwy 86)

China Fuji

615 Hampton Pointe

Hwy 55 Burgers, Shakes and Fries

601 Hampton Pointe

OTHER AREAS

El Restaurante Ixtapa

162 Exchange Park Lane

Maple View Ice Cream Country Store

6900 Rock Ridge Road

Village Diner

600 West King Street

DOWNTOWN HILLSBOROUGH

1. Antonia's

2. Bandido's Mexican Cafe

3. Cup A Joe

4. James Pharmacy

5. Los Altos

6. Matthew's Chocolates

7. Nomad

8. Panciuto

9. Radius Pizzeria & Pub

10. Saratoga Grill

11. Weaver Street Market Cafe

12. Wooden Nickel Pub

- Not on Map: NORTH HILLSBOROUGH

American Hero

640 North Churton Street

Anna Maria's Pizzeria

670 North Churton Street

Big Bob's City Grill

584 Cornelius Street

Gatewood House

300 US 70 East

Jay's Chicken Shack

646 North Churton Street

Jersey Mike's

115 Oakdale Drive

Samantha's Papusas Restaurant

117 Cornelia Street

Steve's Garden Market

610 North Churton Street

Vinny's Italian Grill & Pizzeria

133 North Scotswood Blvd

Zhang Garden

117 N Scotswood Blvd

I-85 EXIT 164 (Off S. Churton Street)

- Dog House

114 Boone Square Street

J & F Kitchen

115 Mayo Street

Jack's Country Restaurant

121 Rebecca Drive

Pueblo Viejo

370 South Churton Street

Tokyo Express

145 Mayo Street

Waffle House

110 Daniel Boone Street

HOTELS

Holiday Inn Express

202 Cardinal Drive

Microtel Inn & Suites

120 Old Dogwood Street

NORTH CHAPEL HILL

OTHER AREAS NORTH

Edison's Deli  
630 Weaver Dairy Road

Farm House Restaurant  
6004 Mill House Road

New Hope Market  
6117 NC Highway 86

The Pig  
630 Weaver Dairy Road

Sal's Ristorante  
2811 Homestead Road

CHAPEL HILL NORTH

Hibachi Poke  
1808 Martin Luther King Jr. Blvd

Jersey Mike's  
1802 Martin Luther King Jr. Blvd

Pop's Pizzeria & Ristorante  
1822 Martin Luther King Jr. Blvd

Rasa Indi-Chinese  
1826 Martin Luther King Jr. Blvd

TIMBERLYNE

China Wok  
1129 Weaver Dairy Road

Joe Van Gogh  
1129 Weaver Dairy Road

Magone Italian Grill & Pizza  
1129 Weaver Dairy Road

Margaret's Cantina  
1129 Weaver Dairy Road

Oishii Sushi Bar & Restaurant  
1129 Weaver Dairy Road

Pita Grill  
1129 Weaver Dairy Road

Queen of Pho  
1129 Weaver Dairy Road

Sage Vegetarian Cafe  
1129 Weaver Dairy Road

Special Treats  
1129 Weaver Dairy Road

Yopop Frozen Yogurt  
1129 Weaver Dairy Road

MIDTOWN

Hunam Chinese Restaurant  
790 Martin Luther King Jr. Blvd

Kitchen  
764 Martin Luther King Jr. Blvd

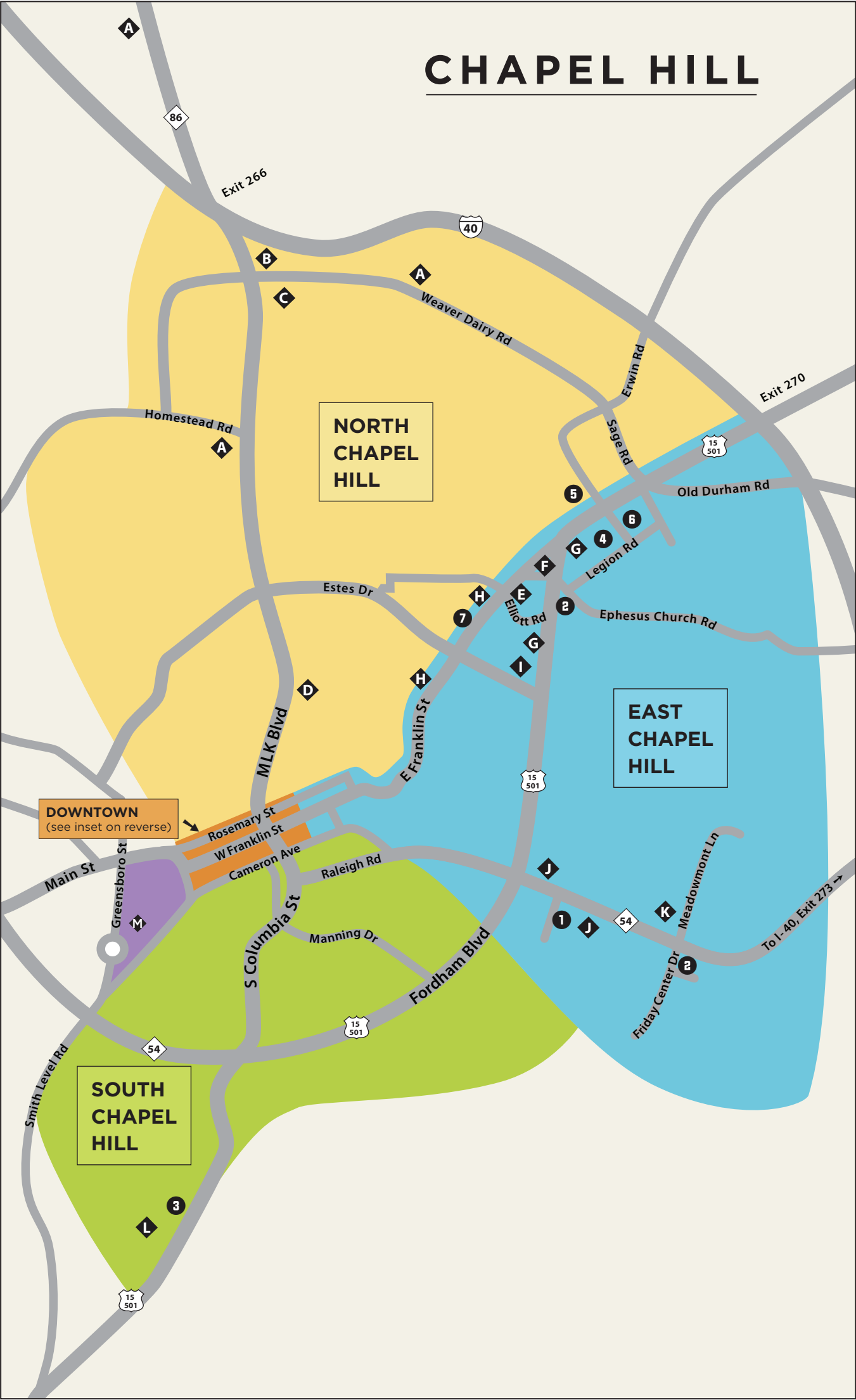
Lucha Tigre  
746 Martin Luther King Jr Blvd

Root Cellar Cafe & Catering  
750 Martin Luther King Jr. Blvd

SOUTH GREEN

South Greensboro Street, Carrboro

Coronato Pizza  
101 Two Hills Road #140



EAST CHAPEL HILL

BLUE HILL: VILLAGE PLAZA/ELLIOTT SQUARE

Cava  
79 South Elliott Road

Great Harvest Bread Company  
229 South Elliott Road

Just Salad  
109 South Elliott Road

Market Street Coffee  
227 South Elliot Road

Monterrey Tacos & Burritos  
237 South Elliott Road

Red Lotus  
239 South Elliott Road

The Casual Pint  
201 South Elliott Road

BLUE HILL: EASTGATE CROSSING

Brugger's Bagels  
1800 East Franklin Street

Chipotle  
1490 Fordham Blvd

Chop't Creative Salad Company  
1490 Fordham Blvd

Clean Juice  
1800 East Franklin Street

Guglhupf Bakery  
1800 East Franklin Street

Jersey Mike's  
1800 East Franklin Street

Loop Pizza Grill  
1800 East Franklin Street

Starbucks  
1800 East Franklin Street

Twisted Noodles  
1800 East Franklin Street

Zoes Kitchen  
1800 East Franklin Street

BLUE HILL: OFF FORDHAM BLVD

Carolina 1663 Grill (Sheraton)  
One Europa Drive

Firehouse Subs  
1726 Fordham Blvd

La Hacienda  
1813 Fordham Blvd

Monterrey Mexican Grille  
1722 Fordham Blvd

Pizza Hut  
1728 Fordham Blvd

Squid's Restaurant & Oyster Bar  
1201 Fordham Blvd

EAST FRANKLIN STREET

Caffé Driade  
1215 East Franklin Street

Caribou Coffee  
1408 East Franklin Street

Cerritos Cantina  
1502 East Franklin Street

Dunkin Donuts  
1509 East Franklin Street

Il Palio Ristorante (The Siena)  
1505 East Franklin Street

Japan Express  
106 South Estes Drive

MinGa Korean Restaurant  
1404 East Franklin Street

Red Pepper  
1704 East Franklin Street

Sunrise Biscuit Kitchen  
1305 East Franklin Street

Tandoor Indian Restaurant  
1301 East Franklin Street

UNIVERSITY PLACE

Alfredo's Pizza Villa  
201 South Estes Drive

bartaco  
201 South Estes Drive

Chick - fil - A  
201 South Estes Drive

City Kitchen  
201 South Estes Drive

Hawkers  
201 South Estes Drive

K&W Cafeteria  
201 South Estes Drive

Stoney River Steakhouse and Grill  
201 South Estes Drive

Trilogy  
201 South Estes Drive

Village Burgers  
201 South Estes Drive

EAST 54 AREA/RALEIGH ROAD

Bin 54 Steak & Cellar  
1201-M Raleigh Road

Brenz Pizza Co.  
3120 Environ Way

Coco Bean Coffee Shop  
1114 Environ Way

Elements  
2110 Environ Way

First Watch  
1101 Environ Way

Hawthorne & Wood  
3140 Environ Way

Jujube Restaurant  
1201 Raleigh Road

Thai Palace  
1206 Raleigh Road

Tobacco Road Sports Café  
1118 Environ Way

MEADOWMONT

Brixx Wood Fired Pizza  
501 Meadowmont Village Circle

Café Carolina and Bakery  
601 Meadowmont Village Circle

Chronic Tacos Mexican Grill  
504 Meadowmont Village Circle

Courtyard Bistro  
100 Marriott Way

Fusion Fish  
100 Meadowmont Village Circle

Meet Fresh  
406 Meadowmont Village Circle

Quickly Boba Café  
503 Meadowmont Village Circle

SOUTH CHAPEL HILL

Merritt's Store & Grill  
1009 South Columbia Street

SOUTHERN VILLAGE

Al's Burger Shack  
708 Market Street

La Vita Dolce Espresso & Gelato Café  
610 Market Street

Market & Moss  
700 Market Street

Rasa Malaysia  
410 Market Street

Town Hall Grill  
410 Market Street

Tutti Frutti  
704 Market Street

Weaver Street Market Cafe  
716 Market Street

HOTELS

- 1 Aloft Chapel Hill
- 2 Courtyard by Marriott
- 3 Hyatt Place Chapel Hill
- 4 Quality Inn
- 5 Residence Inn by Marriott
- 6 Sheraton Chapel Hill
- 7 The Siena Hotel

CHAPEL HILL

HILLSBOROUGH & CARRBORO

ORANGE COUNTY VISITORS BUREAU

501 West Franklin Street

Chapel Hill, NC 27516

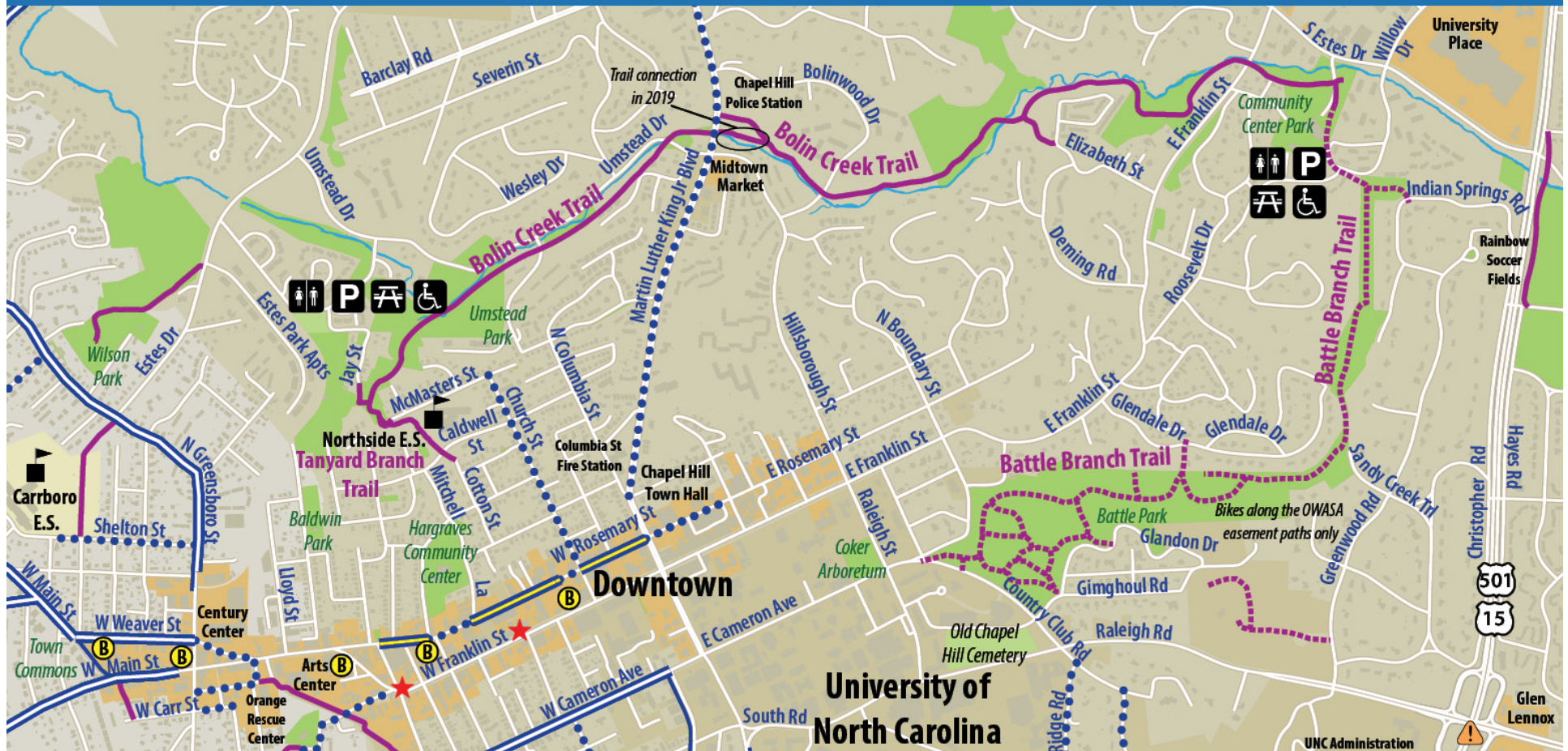
919.245.4320

www.visitchapelhill.org

March 2020



# Tanyard Branch Trail • Bolin Creek Trail • Battle Branch Trail



## Bicycle Routes

- Greenway - Paved
- - - - - Greenway - Unpaved
- Bike Lane - Buffered
- = Bike Lane - Both sides of road
- Bike Lane - One side of road
- . . . . . Shared Lane (Sharrows)

-  Restroom
-  Picnic Area
-  Playground
-  Parking
-  Accessible

Bolin Creek Trail, 1.5 miles long, connects the Community Center Park and Battle Branch Trail

Battle Branch Trail, 1.5 miles long, connects the Community Center Park, Bolin Creek Trail, and UNC Campus

Tanyard Branch Trail, 0.4 mile long, connects Northside Neighborhood with Umstead Park