



SOUTHERN AAAAE 2024

February 4th-6th – Atlanta, Georgia



HOSTED BY:

The Department of Agricultural Leadership, Education, and Communications
University of Tennessee



AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS

CONFERENCE CO-CHAIRS:

Shelli Rampold
Tyler Granberry

HELD IN CONJUNCTION WITH THE SOUTHERN ASSOCIATION OF AGRICULTURAL
SCIENTISTS MEETING



AAAE SOUTHERN REGION OFFICERS

President: Stacy Vincent, University of Kentucky
President Elect: Kristin Stair, Louisiana State University
Secretary: Misty Lambert, North Carolina State University
Past President: Tracy Rutherford, Virginia Tech University
Research Committee Chair: JC Bunch, Louisiana State University
Professional Development Committee Chair: OP McCubbins, Mississippi State University
Member Services Committee Chair: Travis Park, North Carolina State University
Program Improvement Committee Chair: Wendy Warner, North Carolina State University

SCHEDULE AT A GLANCE

Saturday, February 3, 2024

4:00pm–7:00pm	Registration - University of Tennessee	The Overlook (6 th floor)
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Sunday, February 4, 2024 (*University Logo Day*)

8:00am–10:00am	Registration	The Overlook (6 th floor)
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Breakfast on your own

Coffee + Drink Bar – *Sponsored by the UT Center for Farm Management*

Augusta Foyer

9:00am–10:00am	AAAE Opening Session	Augusta G
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10:15am–11:45am	Research Session I	Augusta Rooms
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12:00pm–1:30pm	Lunch on your own	
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Graduate + Undergraduate Student Luncheon

Tin Lizzy's (offsite)

1:30pm–3:00pm	Concurrent Research Session II	Chastain Rooms
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2:45pm–4:00pm	Innovative Poster Session	Savannah Ballroom
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3:00pm–4:00pm	UT ALEC Ice Cream & Cheese Snack Bar – <i>Sponsored by UTIA Extension, AgResearch, Herbert College, & Sweetwater Valley Farms</i>	9th Floor Terrace
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3:00pm–4:00pm	SAAS General Business Meeting	Chastain 1/2
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5:00pm	SAAS Opening Social	Grand Loft – Southern Exchange
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Monday, February 5, 2024

8:00am–10:00am	Registration	The Overlook (6 th floor)
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Coffee + Tea Bar – *Sponsored by ChLOE*

Chastain Foyer

8:00am–9:00am	Emerging Research Sessions	Chastain Rooms
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9:15–10:45am	Concurrent Research Session III	Chastain Rooms
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11:00am–12:00pm	AAAE Business Meeting Session I	Chastain F
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12:00pm–1:30pm	Lunch & Distinguished Lecture	TBA
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1:45–3:00pm	Professional Development	Chastain D
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3:15pm–4:30pm	Research Poster Session	Savannah Ballroom
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5:00pm	Explore the City (on your own)	Across Atlanta
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Tuesday, February 6, 2024

8:00am–9:00am	AAAE Business Meeting Session II	Chastain E
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9:15am–12:00pm	Brunch & Distinguished Manuscript Presentations	Chastain F
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Award Ceremony

THANK YOU TO OUR SPONSORS!



AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS



UTIA/AT&T 5G IN TURFGRASS SCIENCE AND EDUCATION



DANJEAN BUILDERS

REVIEWERS FOR 2024 AAAE SOUTHERN REGION RESEARCH CONFERENCE PAPERS

Alex Cline Byrd	Eric Kaufman	Lauren Lewis Cline
Alexa Lamm	Eric Rubenstein	M'Randa Sandlin
Andrew Thoron	Garrett Hancock	Maria Mercedes Rossi
Audie Cherry	Gary Briers	Matt Benge
Audrey E. H. King	Hannah Scherer	Misty Lambert
Barry Croom	Jade Davidson	Natalie Ferand
Blake Carter	James Scott	Pablo Lamino
Blake Colclasure	Jamie Greig	Quisto Settle
Bradley Coleman	Jason McKibben	Ramona Weeks
Brett Milliken	JC Bunch	Richie Roberts
Brian Myers	Shane Robinson	Sarah Bush
Carla Jagger	Jimmy Lindner	Sarah Sprayberry
Catherine A. DiBenedetto	Joseph Donaldson	Stacy K. Vincent
Catherine Sanders	Joy Morgan	Stephanie Lemley
Chaney Mosley	Kathleen Kelsey	Taylor Ruth
Chris Clemons	Katie Stofer	Travis Park
Christopher Eck	Keith Frost	Tre Easterly
Christopher M. Estep	Kirby Barrick	Trent Wells
Curtis Friedel	Kirk Swortzel	Tyler Granberry
Dale Layfield	Kristie Guffey	Wendy Warner
Debra Barry	Kristin Stair	Will Doss
Donna Westfall-Rudd	Laura Greenhaw	

Research Committee: JC Bunch (Chair), Chris Eck (Chair Elect), Trent Wells, Shelli Rampold, Will Doss, Eric Kaufman

REVIEWERS FOR 2024 AAAE SOUTHERN REGION RESEARCH CONFERENCE POSTERS

Ryan Anderson	OP McCubbins
Carrie Baker	Brett Milliken
Mathew Benge	Karissa Palmer
Taylor Bird	Travis Park
Audie Cherry	Tyler Price
Adam Cletzer	Jon Ramsey
Jason Dossett	Bryan Rank
Dennis Duncan	Maggie Salem
Christopher Estep	Katie Sanders
Tyler Granberry	Glen Shinn
Justin Hall	Michael Spiess
Gaea Hock	Sarah Sprayberry
Logan Layne	Andrew Thoron
Diane Mashburn	Trent Wells

Program Improvement Committee: Wendy Warner (Chair), Chastity Warren-English, Carly Morrison, Joy Morgan, Mary Kate Lanier, Rebekah Epps

FULL CONFERENCE SCHEDULE

Saturday, February 3, 2024		
4:00 – 7:00 p.m.	Registration	The Overlook
Sunday, February 4, 2024		
8:00 – 10:00 a.m.	Registration Breakfast on your own <i>Univeristy Logo Day</i> Coffee + Drink Bar – <i>Sponsored by the UT Center for Farm Management</i>	The Overlook Augusta Foyer
9:00 – 10:00 a.m.	Agricultural Education Opening Session	Augusta G
10:15 – 11:45 a.m.	Concurrent Research Session I	
Session A Discussant: Steven "Boot" Chumbley Facilitator: Kayla Marsh	<p style="margin-left: 20px;"> Self-Regulated Learning in Middle School Agricultural Education: Teachers’ Perspectives on Facilitating Quality Student Learning in Supervised Agricultural Experiences Jacob Englin, Richie Roberts, Kristin S. Stair, Michael F. Burnett </p> <p style="margin-left: 20px;"> A Qualitative Study of Factors Influencing Teaching Self-Efficacy of EAE Teachers Maria R. Helm, Nicholas E. Fuhrman, Jason B. Peake </p> <p style="margin-left: 20px;"> Ag Beyond the Classroom: An Assessment of the Agricultural Literacy Proficiencies of Adult Consumers in Tennessee Shelli Rampold, Tyler Granberry </p> <p style="margin-left: 20px;"> How Are School Based Agricultural Education Teachers Implementing Agriscience Fair in Middle School? Jillian C. Ford, Jason Dossett, Misty D. Lambert, R. G. (Tre) Easterly III </p>	Augusta F
Sesson B Discussant: Blake Colclasure Facilitator: Karissa Palmer	<p style="margin-left: 20px;"> Entering the Professorate: Hiring Authorities’ Perceptions of Tenure-Track Faculty Needs Bradley Coleman, J.C. Bunch, Brian E. Myers </p> <p style="margin-left: 20px;"> Sense of Belonging as a Predictor of Retention in a College of Agriculture Sarah James, Christopher Estep, Will Doss, Donald Johnson </p>	Augusta 3

The Opinion Leadership Paradox: Examining the Role of Opinion Leadership on Teachers' Intentions to Advocate for Agricultural Education

Benita Komunjeru, Whitney L. Figland-Cook, Richie Roberts, Kristin S. Stair

Session C

Discussant: Will Doss

Facilitator: Suzanna Browning

Augusta A

H.O. Sargent: A Founding Father of the NFA

Katlyn R. Foy, Wendy J. Warner, Joy E. Morgan, Barbara M. Kirby

An Assessment of Clemson University Cooperative Extension Agents' Perceptions of Work-Related Factors Leading to Burnout

Erika Hwang, Dale Layfield, Christopher Eck, Kristine Vernon

The FFA Girl: A Historical Examination of the Driving Forces Leading to Girls' Admittance into the National FFA Organization

Brooke Townsend Scott, Richie Roberts, Gary E. Moore, D. Barry Croom

Online Graduate Student Perceptions of Synchronous Virtual Reality Seminars

Caroline Brooks, Jamie Greig, Taylor Ruth, Bailey Watson

Session D

Discussant: Eric Kaufman

Facilitator: Rosemarie Somers

Augusta E

Future Teacher Academy Impact on Prospective Preservice Teachers' Intent to Pursue Agricultural Education as a College Major and Career Choice

Emily Sewell, Christopher J. Eck, Jon W. Ramsey

Critical Thinking and Personality Among Agricultural Undergraduate Students

Andrews Idun, Kevan Lamm, Jessica Holt, Alexa Lamm

Undergraduate Students' Attitude Toward Undocumented Migration: A Comparison Between Agricultural and Non-Agricultural Based Students from a Southern University

Pablo Lamino, Carlos Durán Gabela, Renzo Ceme Vines, Amy Boren-Alpizar

Opportunities for Extension to Help Residents Ask Local Decision-Makers to Support Wildlife-Friendly Landscaping in Communities

Sravani Pasula, Dharmendra Kalauni, Laura A. Warner, Emily Marois, John Diaz, Jaret C. Daniels, Adam G. Dale

12:00 – 1:30 p.m.

Lunch on your own

Graduate Student Orientation (*Tin Lizzy's – 121 Perimeter Center West*)

1:30 – 3:00 p.m.

Concurrent Research Session II

Session E

Chastain A

Discussant: Christopher Eck

Facilitator: Emily Sewell

Investigating Factors that Influence College Athletes' Use of Cannabidiol (CBD) Products

Zach Brown, Blake Colclasure

Use of Self-Directed Learning and Performance Based Assessment to Improve an Agriculture Cohorts Use of the Safe Farm Steward Application

Ruth Toole, Stacy Vincent, Kang Namkoong, A. Preston Byrd, Song Yongwook

Unearthing Agricultural Legacies: The Jesup Wagon's Impact on Black Heritage and Extension Services

Mikayla Daniels, Joy Morgan, Wendy Warner

Successful Programming for the Recruitment of Underrepresented Students in Agriculture: A Case Study of a Diversity Initiative at an 1862 Land-Grant University

Allison Spillman-Decell, Richie Roberts, Kristin S. Stair, Michael F. Burnett

Session F

Chastain C

Discussant: Misty Lambert

Facilitator: Jason Dossett

Toward Globally Competent Teaching: A One-Year Retrospect on Agriscience Teachers' Changes in Perspective after an International Experience

Whitney L. Figland-Cook, Jacob Englin, Richie Roberts, Kristin S. Stair

Simulation in Agricultural Sciences: Innovations and Applications for Better Outcomes

Anjorin Adeyemi, Shuai Ma

Perceived Masculinity and Femininity Levels of Secondary Youth Leadership

Stacy Vincent, Tyler Newberry, Chris Cherry

Impact of Program Size on the Program Management and Planning Needs of Oklahoma School-Based Agricultural Education Teachers

Emily Manuel, Ryan W. Best, Bradley M. Coleman, Christopher J. Eck

Session G

Chastain E

Discussant: Tre Easterly

Facilitator: Emily Fuller

Needs Assessment of Georgia Elementary Agriculture Education Teachers

Hannah Bailey, Jason Peake, Barry Croom, Eric Rubenstein

Determining Instructional Design Effects on Self-Efficacy, Interest, and Knowledge in a Small Engines Course

Will Doss, Christopher Estep, Donald Johnson, Kobina Fanyinkah

Tasks Associated with Teaching School-Based Agricultural Education: Supervised Agricultural Experiences

Ryan Best, J. Shane Robinson, M. Craig Edwards, Robert Terry, Jr., Ki L. Cole

Climate Variability Education Programs: Targeting Receptive Alabama Agricultural Producers

Tegan Walker, James Lindner

Session H

Discussant: Kevin Lamm

Facilitator: Mary Kate Lanier

Chastain I

Uncovering the Past: Minority Contribution and Early Start of Black American Students 4-H Program in North Carolina

Joy Morgan, Andrew Waaswa, Wendy Warner

Evaluating Elementary Agriculture Teacher Workshops on Pedagogical Content Knowledge

Jessica Boone, Jason Peake, Jade Davidson

Exploring the Influence of Cooperative Based Learning in an Undergraduate Agricultural Leadership Course

Jodie Spivey, Bradley Coleman

Living in the Borderland: An Examination of the Work-Family Borderland of Dual Agriculture Teacher Couples in North Carolina

Alyssa Ramsey Spence, Travis Park, Wendy Warner, W. Greg Cope

2:45 – 4:00 p.m.	Innovative Poster Session	Savannah Ballroom
3:00 – 4 p.m.	UT ALEC Ice Cream & Cheese Snack Bar <i>Sponsored by UTIA Extension, AgResearch, Herbert College, & Sweetwater Valley Farms</i>	9 th Floor Terrace
4:00 p.m.	SAAS General Business Meeting	Chastain 1/2
5:00 p.m.	SAAS Opening Social	Grand Loft

Monday, February 5, 2024

8:00 – 10:00 a.m.	Registration Breakfast on your own Coffe + Tea Bar – <i>Sponsored by ChLOE</i>	The Overlook Chastain Foyer
8:00 – 9:00 a.m.	Emerging Research Sessions	

Emerging Session I

Discussant: Will Doss

Facilitator: Tyler Price

Chastain I

A Co-Curricular Undergraduate Research Program Evaluation

Logan Layne, Donna Westfall-Rudd, Hannah Sunderman, Tiffany Drape

Emerging Results of a Systematic Review: The Impacts of School-Based Agricultural Education in Low and Lower-Middle Income Countries

Carmen Benson, Robert Strong, Theresa Murphrey, Sophia Wegeng

An Assessment Of The Inner Working Relationships of School Based Agriculture Educators In Multi-Teacher Departments

Andra Collins, Jason McKibben, Garrett Hancock

The Effects of Educational Technology on Students' Academic Achievement in Agricultural Education: A Meta-Analysis

Shuai Ma, Anjorin Ezekiel Adeyemi, Zhihong Xu, Qing Wang

Emerging Session II

Discussant: Christopher Eck

Facilitator: Ryan Best

Chastain J

Adoption of a Cooperating Teacher Support Program in University Teacher Preparation Programs: A Diffusions of Innovations and Concerns-Based Adoption Model Exploration

Heather Nesbitt, Debra Barry, JC Bunch, Paul Monaghan, Haun Chen

Empowering Tomorrow's Science Communicators: A Case Study in Integrating Cooperative Extension into Science Communication Education

Lauri Baker, Anissa Mattox, Cheng-Xian Yang, Heather Young

Developing Evidence-Based Messages to Encourage Sustainable Cattle Production: A Sequential Exploratory Approach to Message Design Using Q Sorts and Interviews

Ginger Orton, Laura Fischer, Courtney Meyers, Matt Raven, David Doerfert

STEM Teaching for All Online Certificate Program

Katie Stofer

9:15 – 10:45 a.m.

Concurrent Research Session III

Session I

Discussant: Shane Robinson

Facilitator: Sharon Wagner

Chastain F

Identifying Relationships and Differences Related to Arkansas FFA Chapter Success in Career Development Events

Hiliary Rodgers, Will Doss, Christopher Estep, Donald Johnson

Validation of the School-Based Agricultural Education Model of Support Instrument

Kayla Marsh, Christopher J. Eck, William Doss

Emerging Trends for Middle School Agricultural Education in the United States: A Scoping Review

Jacob Englin, Richie Roberts, Kristin S. Stair, Michael F. Burnett

Cooperating Teacher's Perceptions of Their Roles as Mentors: An Exploration Using Theory of Planned Behavior

Jessica Switzer, Heather Nesbitt, Debra Barry

Session J

Discussant: Donna Westfall-Rudd

Facilitator: Emily Manuel

Chastain I

Using Students' Chosen Gender Pronouns in School-Based Agricultural Education (SBAE): An Exploratory, Longitudinal Study of Preservice Teachers' Perceived Knowledge and Preparedness

Tyler Price, Craig Edwards

Mental Health Awareness: SBAE Teachers' Perspectives

Eric Rubenstein, Anna Scheyett, J. Renee Martin, Taylor Bird, Ian Marburger

Utilizing the Land-Based Learning Model for the Clemson University Cooperative Extension Service Agricultural Safety Program

Maryann Mishelle Lovern, Catherine A. DiBenedetto, Aaron P. Turner, Hunter F. Massey

An Analysis of Thwarted Belongingness and Perceived Burdensomeness Among a State-Wide Agriculture Youth Essay Contest

Katrina Clontz, Kelly McFarland, Stacy Vincent

Session K

Discussant: Dale Layfield

Facilitator: Cassie Goff

Chastain J

STEM Immersion in School-Based Agricultural Education

Christopher J. Eck, Kristopher Rankin III, Ryan Best, Kayla Marsh, Emily Sewell, Bradley Coleman, J. Shane Robinson

Understanding Concerns of New North Carolina SBAE Teachers Participating in an Induction Program

Jillian C. Ford, Misty D. Lambert, Wendy J. Warner

Empirical Exploration of Communication Channel Use for Prospective Graduate Students in a College of Agricultural Sciences

Allison Byrd, Alexa J. Lamm, Jessica Holt, Kevan Lamm, Rochelle Sapp

Exploring Participants' Perspectives During an Agriculturally Focused Short-Term Study Abroad: A Q-Methodology Study

Newlin Humphrey, Bradley Coleman, Angel Riggs, Lauren Lewis Cline

11:00 a.m. – 12:00 p.m.	AAAE Business Meeting Session II	Chastain F
12:00 – 1:30 p.m.	Luncheon and Distinguished Lecture	TBA
1:45 – 3:00 p.m.	Professional Development	Chastain D
	<p>QPR Training for Ag Ed Professionals <i>Chaney Mosely, Middle Tennessee State University</i></p> <p>In a recent study of school-based agricultural educators in the southern region, 1 in 5 teachers had contemplated suicide, leading to the recommendation of offering suicide prevention professional development where agricultural education professionals convene. A frequent prevention strategy is QPR - question, persuade, refer – three simple steps anyone can learn to help save a life from suicide. People trained in QPR learn how to recognize the warning signs of a suicide crisis and how to question, persuade, and refer someone to help. Mental health concerns are rising, so join us in this session as we explore suicide warning signs and learn how to intervene.</p> <p><i>**Attendees will become a certified QPR Gatekeeper and receive a credentialing certificate.</i></p>	
3:15 – 4:30 p.m.	Research Poster Session	Savannah Ballroom
5:00 p.m.	Explore the City (on your own)	Across Atlanta

Tuesday, February 6, 2024

8:00 – 9:00 a.m.	AAAE Business Meeting Session II	Chastain E
9:15 a.m. – 12:00 p.m.	Distinguished Manuscript Presentations Brunch & Award Ceremony	Chastain F

Discussant: Jason Peake

Facilitator: Jillian Ford

Growing Together with Wheat: Evaluation of the Norman Borlaug Youth in Agriculture Program

Sarah Sprayberry, Xin Li, Dottie Goebel, Billy Zanolini, Jun Wang

Characteristics and Leadership Identity Development of CALS Leadership Institute Graduates

Sarah A. Bush, Carrie N. Baker, Kiera Packer, Natalie Coers, H. Charlotte Emerson

Tasks Associated with Teaching School-Based Agricultural Education: Advising an FFA Chapter

Ryan Best, J. Shane Robinson, M. Craig Edwards, Robert Terry, Jr., Ki L. Cole

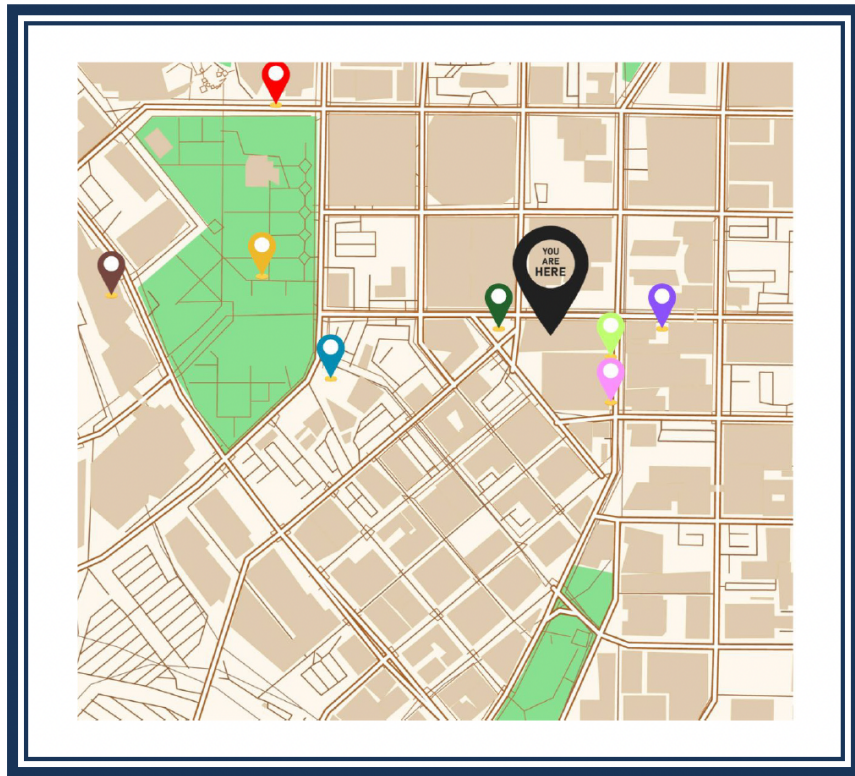
An Agricultural Assessment of Social Studies Teachers in South Carolina

Walker Reid, Dale Layfield, Christopher J. Eck, Dara Park

Living as an Imposter: An Exploration of the Lived Experiences among Multiracial Youth in Secondary Agricultural Education

Juliana D. Markham, Stacy Vincent, Sophia V. Jaramillo-Vasconez

ACTIVITIES & FOOD MAP



World of Coca-Cola
(0.6 miles)



SkyView Atlanta
(0.3 miles)



**College Football
Hall of Fame**
(0.6 miles)



**Sweet Georgia's
Juke Joint**
(0.1 miles)



Walton Spring Park
(<0.1 miles)



**Amalfi Cucina &
Mercato**
(<0.1 miles)



**Centennial
Olympic Park**
(0.4 miles)



**Meehan's Public
House**
(0.1 miles)

Have fun exploring Atlanta!

GETTING AROUND ATLANTA

Westin Peachtree Plaza Hotel Address:
210 Peachtree St NW
Atlanta, GA 30303

FROM ATL AIRPORT TO THE WESTIN PEACHTREE PLAZA HOTEL:

DRIVING:

Follow I-85 and I-75 N to Atlanta. Take exit 248C from I-75 N

Continue to Andrew Young International Blvd NE (0.4mi)

Destination will be on the left

MARTA:

From ATL airport enter MARTA station via Airport Station (adjacent to baggage claim)

From Airport Station, board the red or gold line, both are a northbound train (Doraville or North Springs)

Exit train at Peachtree Center
[Start at airport]
[Ride 8 stops, 18 min]
[Exit at Peachtree Center]

Walk to destination
[250 feet, about 2 min]



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University of Tennessee, Agricultural Leadership, Education, and Communications
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