

THURSDAY, SEPTEMBER 7, 2023

9 a.m.–3 p.m.	Preconference Bootcamp	Margherio Conference Center Wayne State University School of Medicine 540 E. Canfield, Detroit, MI
5–7 p.m.	Preconference Registration	Michelangelo Conf. Room, Level 4 Detroit Marriott Hotel
5–7 p.m.	Poster Holding Area (Posters will be relocated on Friday morning to the Cartier room.)	Michelangelo Conf. Room, Level 4 Detroit Marriott Hotel

FRIDAY, SEPTEMBER 8, 2023–Detroit Marriott Hotel

7–9 a.m.	Poster Set-Up	Cartier, Level 4
7–10 a.m.	Registration & Information Desk	Cabot, Level 4
7–10 a.m.	Exhibitor Set-Up	Cabot, Level 4
10 a.m.–5 p.m.	Exhibit Hall Open	Cabot, Level 4
7–9 a.m.	Continental Breakfast	Columbus, Level 4

7:50–10 a.m. **PLENARY SESSION 1** **Columbus, Level 4**

7:50–8 a.m.	Welcome/Opening Ceremony Wael Sakr, M.D. Dean, Wayne State University School of Medicine Richard Baker, M.D. Senior Vice Dean and Vice Dean of Medical Education Wayne State University School of Medicine David Amponsah, M.D. Ultrasound Curriculum Director Wayne State University School of Medicine Abigail Brackney, M.D. Associate Ultrasound Division Head, Henry Ford Health	Columbus, Level 4
8–8:45 a.m.	Keynote Address: In the beginning... Scott A. Dulchavsky, M.D., Ph.D. Roy D. McClure Chairman of Surgery and Surgeon-in-Chief Henry Ford Health	Columbus, Level 4
8:45–9:30 a.m.	Medical Care in Space: Past, Present and Future Thomas Marshburn, M.D. NASA Astronaut Medical Practice: Orbital Outpost	Columbus, Level 4
9:30–10 a.m.	Society of Ultrasound in Medical Education J. Chris Fox, M.D. University of California, Irvine, CA	Columbus, Level 4
10–10:30 a.m.	Coffee Break Exhibits/Poster Viewing	Renaissance Ballroom Foyer Cabot/Cartier/Foyer, Level 4

FRIDAY, SEPTEMBER 8, 2023

(continued)

10:30 a.m.–Noon

CONCURRENT SESSIONS

Detroit Marriott Hotel, Level 5

ORAL ABSTRACTS

10:30 a.m.–Noon

Moderator: Lawrence A. Melniker, M.D. M.S., M.B.A.New York-Presbyterian Brooklyn Methodist Hospital
Brooklyn, NY

Richard, Level 5

Moderator: Duncan Lee Norton, M.D.Prisma Health Children's Hospital
Columbia, SC

Brule, Level 5

ULTRASOUND WORKSHOPS

10:30 a.m.–Noon

Ultrasound in ResuscitationAkshay Srikanth, M.D., Chris Clark, M.D.,
Amanda Dos Santos M.D. & Megan Guy M.D.

Cadillac, Level 5

Thoracic UltrasoundMina Altwail M.D., Zeinab Shafie-Khorassani, D.O.
& Sudhir Baliga M.D.

Nicolet, Level 5

Abdominal Ultrasound 1

John Joseph M.D., Caroline Dowers M.D. & Emily Irvin M.D.

Mackinac, Level 5

LECTURES

10:30–11:15 a.m.

Musculoskeletal Ultrasound in Medical EducationJ. Antonio Bouffard, M.D.
Detroit Medical Center, Detroit, MI

Marquette, Level 5

A Recipe for Success: POCUS Curriculum DevelopmentMaya Harel-Sterling, M.D.
Hospital for Sick Children, Toronto, Canada

LaSalle, Level 5

11:15 a.m.–Noon

Imaging of the Nervous SystemTomislav Jelic, M.D.
University of Manitoba, Winnipeg, Manitoba, Canada

Marquette, Level 5

Developing a Medical Student POCUS Rotation as the Only Game in Town at your HospitalMark Favot, M.D.
Sinai-Grace Hospital, Detroit, MI

LaSalle, Level 5

Noon–1 p.m.

Lunch**Exhibits/Poster Viewing**

Cabot, Level 4

Cabot/Cartier/Foyer, Level 4

12:15–12:45 p.m.

Lunch Session**Women in Medicine: Getting to Gender Equity**Jeanette Mladenovic, M.D., M.B.A., MACP, President and CEO
Center for Women in Academic Medicine and Science (CWAMS)
Oregon Health & Science University, Portland, OR

Columbus, Level 4

FRIDAY, SEPTEMBER 8, 2023

(continued)

1-2:30 p.m.	PLENARY SESSION 2	Columbus, Level 4
1-1:45 p.m.	Ultrasound: A Core Clinical Competency Across the Continuum of Medical Education Richard Hoppmann, M.D., FACP University of South Carolina, Columbia, SC	Columbus, Level 4
1:45-2:30 p.m.	POCUS: Past, Present, and Future Lawrence A. Melniker, M.D. New York-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY	Columbus, Level 4
2:30-3 p.m.	Coffee Break Exhibits/Poster Viewing	Renaissance Ballroom Foyer Cabot/Cartier/Foyer, Level 4
3-4:30 p.m.	CONCURRENT SESSIONS	Detroit Marriott Hotel, Level 5
ORAL ABSTRACTS		
3-4:30 p.m.	Moderator: Duncan Lee Norton, M.D. Prisma Health Children's Hospital Columbia, SC	Richard, Level 5
	Moderator: Keith Barron, M.D. University of South Carolina, Columbia, SC	Brule, Level 5
ULTRASOUND WORKSHOPS		
3-4:30 p.m.	Cardiac Ultrasound Zeinab Shafie-Khorassan, D.O., Andrew Park M.D., Akshay Srikanth, M.D. & Chris Clark, M.D.	Cadillac, Level 5
	Musculoskeletal Ultrasound Drew Duerson, M.D., Chris Guyer, M.D. & Sudhir Baliga, M.D.	Nicolet, Level 5
	Abdominal Ultrasound 2 John Joseph, M.D., Emily Irvin, M.D. & Mina Altwail, M.D.	Mackinac, Level 5
LECTURES		
3-3:45 p.m.	What's the Attenuation Coefficient of the Mind? Methods for Evaluating Long-Term Ultrasound Knowledge Retention/Use Rosalia Mahr, M.D. Ohio State University/Wexner Medical Center, Columbus, OH	Marquette, Level 5
	How to turn Medical Student POCUS Education Sessions into Quality Research Mark Favot, M.D. Sinai-Grace Hospital, Detroit, MI	LaSalle, Level 5
3:45-4:30 p.m.	Ultrasound in Teaching Physiology Tomislav Jelic, M.D. University of Manitoba, Winnipeg, Manitoba, Canada	Marquette, Level 5
	Integration of Ultrasound in Medical Education: What is the Perspective of the Dean J. Chris Fox, M.D. University of California, Irvine, CA	LaSalle, Level 5

FRIDAY, SEPTEMBER 8, 2023

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5-7 p.m.	OPENING NIGHT RECEPTION 42 Degrees North – Detroit Marriott at the Renaissance Center 400 Renaissance Drive Detroit, MI 48243	Level 3, Near Hotel Lobby
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SATURDAY, SEPTEMBER 9, 2023

7 a.m.–Noon	Registration & Information Desk	Renaissance Ballroom Foyer
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7 a.m.–5 p.m.	Exhibit Hall Open	Cabot, Level 4
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7-9 a.m.	Continental Breakfast	Columbus, Level 4
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8-10 a.m.	PLENARY SESSION 3	Columbus, Level 4
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8-8:30 a.m.	International Consensus Ultrasound Curriculum Jeanette Mladenovic, M.D., President and CEO Center for Women in Academic Medicine and Science (CWAMS) Oregon Health & Science University, Portland, OR	Columbus, Level 4
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8:30–9:15 a.m.	European Perspective on Ultrasound in Undergraduate Medical Education Tomás Villén, M.D. Francisco de Vitoria University, Madrid, Spain	Columbus, Level 4
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9:15–10 a.m.	Herding Cats with Skill: Getting Faculty Involved in Ultrasound Teaching Jennifer Cotton, M.D. University of Utah, Salt Lake City, UT	Columbus, Level 4
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10–10:30 a.m.	Coffee Break Exhibits/Poster Viewing	Renaissance Ballroom Foyer Cabot/Cartier/Foyer, Level 4
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10:30 a.m.–Noon	CONCURRENT SESSIONS	Detroit Marriott Hotel, Level 4 & 5
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ORAL ABSTRACTS

10:30 a.m.–Noon	Moderator: Lawrence A. Melniker, M.D., M.S., M.B.A. New York-Presbyterian Brooklyn Methodist Hospital Brooklyn, NY	Columbus, Level 4
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ULTRASOUND WORKSHOPS

10:30 a.m.–Noon	Ultrasound in Physiology Tomislav Jelic, M.D., Julian Suszanski, M.D., Caroline Dowers, M.D. & Akshary Srikanth, M.D.	Cadillac, Level 5
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	Home-made Ultrasound Phantoms Therese Meade, D.O., Abigail Brackney, M.D., Andrew Park M.D. & Chris Clark M.D.	Nicolet, Level 5
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SATURDAY, SEPTEMBER 9, 2023

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LECTURES

10:30-11:15 a.m. **Pod the Evidence—building high quality FOAMed in POCUS** Marquette, Level 5
 Delia Gold, M.D., Nationwide Children's Hospital, Columbus, OH
 Lianne McLean, M.D., University of Toronto, Ontario, Canada

Step into the Light! Lessons Learned from a Journey to Implementing a POCUS Workflow Solution System-Wide LaSalle, Level 5
 Kevin Piro, M.D.
 Oregon Health & Science University, Portland, OR

11:15 a.m.–Noon **Going the Distance: Local Training for Global Practice** Marquette, Level 5
 Rosalia Mahr, M.D.
 Ohio State University/Wexner Medical Center, Columbus, OH

Ultrasound in Anatomy LaSalle, Level 5
 Megan Guy M.D., Amanda Dos Santos M.D. & Kyle Dornhofer, M.D.
 University of California-Irvine Medical Center, Irvine, CA

Noon-1 p.m. **Lunch Exhibits/Poster Viewing** Cabot, Level 4
 Cabot/Cartier/Foyer

12:15-12:45 p.m. **Lunch Session Navigating an Academic Career** Columbus, Level 4
 Richard Hoppmann, M.D., FACP
 Dean Emeritus, South Carolina School of Medicine
 Founder, Society of Ultrasound in Medical Education
 University of South Carolina, Columbia, SC

1-4:30 p.m. **Student Ultrasound Competition (Students only)** Mackinac, Level 5
 Andrew Butki, D.O.
 Ultrasound Director, Wayne State University School of Medicine

1-2:30 p.m. PLENARY SESSION 4 Columbus, Level 4

1-1:45 p.m. **Health Design Thinking, Process and Refurbished Spaces** Columbus, Level 4
 Resa Lewiss, M.D.
 Professor of Emergency Medicine
 TEDMED Speaker and TimesUp Healthcare Founder
 Host and Founder, Visible Voices Podcast, Philadelphia, PA

1:45-2:30 p.m. **Artificial Intelligence in POCUS Education** Columbus, Level 4
 Michael Blaivas, M.D.
 Professor of Medicine, Affiliate
 University of South Carolina
 School of Medicine
 Columbus, GA

2:30-3 p.m. **Coffee Break Exhibits/Poster Viewing** Renaissance Ballroom Foyer
 Cabot/Cartier/Foyer, Level 4

SATURDAY, SEPTEMBER 9, 2023

(continued)

3-4:30 p.m.

CONCURRENT SESSIONS

Detroit Marriott Hotel, Level 4 & 5

ORAL ABSTRACTS

3-4:30 p.m.

Moderator: Keith Barron, M.D.
University of South Carolina, Columbia, SC

Columbus, Level 4

ULTRASOUND WORKSHOPS

3-4:30 p.m.

Ultrasound in Anatomy
John Fitzsimmons, M.D., Megan Guy, M.D., Amanda Dos Santos, M.D.,
& Kyle Dornhofer, M.D.

Cadillac, Level 5

Nervous System Ultrasound
Christopher Clark, M.D., Andrew Park, M.D.,
Sudhir Baliga, M.D. & Akshay Srikanth, M.D.

Nicolet, Level 5

LECTURES

3-3:45 p.m.

Teaching POCUS in the Virtual Environment
Julian Suszanski, M.D.
Vanderbilt University, Nashville, TN

Marquette, Level 5

Creating Meaningful and Practical Assessments to Enhance Learning Ultrasound
Jennifer Cotton, M.D.
University of Utah, Salt Lake City, UT

LaSalle, Level 5

3:45-4:30 p.m.

Ultrasound Education for Various Learners in the Emergency Department
Caroline Dowers, M.D.
Henry Ford Health, Detroit, MI

Marquette, Level 5

Teaching Philosophy
Lianne McLean, M.D.
University of Toronto/Hospital for Sick Children,
Toronto, Ontario, Canada

LaSalle, Level 5

7-10:30 p.m.

Detroit River Dinner Cruise
Ticketed Event

Yacht Name: Ovation Yacht

Dock Location: Within walking distance of the Marriott. Hotel guests will be picked up in the Atrium of the Renaissance Center (just outside of Andiamo Restaurant) at 6:50 p.m. and escorted to the dock.

Attire: Casual (The weather on the water tends to get cool at night so consider bringing a jacket. Also, keep in mind that you will be on a boat deck that has narrow staircases, so be mindful of your footwear.)

Boarding: 7 p.m.-7:30 p.m.**Cruising:** 7:30 p.m.-10:30 p.m.**Dockside:** 10:30 p.m.-11:30 p.m.

SUNDAY, SEPTEMBER 10, 2023

7:30-9 a.m.	Breakfast Buffet	Columbus, Level 4
8-11 a.m.	PLENARY SESSION 5	Columbus, Level 4
8-8:45 a.m.	See One, Do One, Teach One: Getting Students Involved in Ultrasound Teaching Abigail Brackney, M.D., Chih Chuang, M.D. & David Amponsah, M.D. Wayne State University School of Medicine, Detroit, MI	Columbus, Level 4
8:45-9:30 a.m.	A New Reality: Innovative Teaching Techniques in Ultrasound Education Chris Clark, M.D. Henry Ford Health, Detroit, MI	Columbus
9:30-10 a.m.	“Remember that patient you saw”: A Case-based Approach to Teaching Ultrasound Abigail Brackney, M.D. Henry Ford Health, Detroit, MI	Columbus
10-10:45 a.m.	WSUSOM Ultrasound Curriculum Update David Amponsah, M.D. Ultrasound Curriculum Director Wayne State University School of Medicine	Columbus
10:45-11 a.m.	Announcement: Best Oral and Poster Presentation Winners Closing Remarks & Adjourn	Columbus



ORAL ABSTRACTS: FRIDAY, SEPTEMBER 8

RICHARD, LEVEL 5 10:30 a.m.–Noon		
Time	Title	Presenters
10:30-10:45 a.m.	Taking Ultrasound Education Outdoors – Multicenter Resident Response to the "Ultrasound Wilderness Adventure Race"	Andrew Butki, D.O. Ascension St. John Hospital Detroit, MI
10:45-11:00 a.m.	Medical Education Teaching Sonographer Support for Basic Science Research: A Case Series	Bridget Francis, RDMS Wake Forest University SOM Winston Salem, NC
11:00-11:15 a.m.	Using Visual Thinking Strategies to Enhance Ultrasound Observation Skills	Holly Feen-Calligan, Ph.D. Wayne State University Detroit, MI
11:15-11:30 a.m.	Zoom Fatigue vs Virtual Gamification: Resident Response to a Novel Form of Emergency Ultrasound Education	Luda Khait, M.D. DMC Sinai Grace Hospital Detroit, MI
11:30-11:45 a.m.	Utilization of 3D-printed technologies to assist anatomic and clinical understanding of cardiac sonography in medical students.	Kunaal Sarnaik, Medical Student Case Western Reserve University Cleveland, OH
11:45 a.m.–Noon	Exploring the Impact of Social Media on Ultrasound Medical Education	Nicole Ewer, Medical Student University of Utah Salt Lake City, UT

BRULE, LEVEL 5 10:30 a.m.–Noon		
Time	Title	Presenters
10:30-10:45 a.m.	Outcomes of a Checkout System for Point-of-Care Ultrasound Education in the Emergency Department	Jennifer Cotton, M.D. University of Utah Salt Lake City, UT
10:45-11:00 a.m.	Non-Physician Point-of-Care Ultrasound (POCUS) Carotid Pulse Check Training	Brenden Kasravi University of California - Irvine Irvine, CA
11:00-11:15 a.m.	A prospective observational cohort study: Field Ultrasound Measurements of Central Volume Status and Acute Mountain Sickness	Yana Khetiya University of California, Irvine Irvine, CA
11:15-11:30 a.m.	Comparing Augmented Reality versus traditional ultrasound-guided femoral nerve blocks using motion analysis: A Pilot Study	Andrew Park, M.D. Henry Ford Health Detroit, MI
11:30-11:45 a.m.	POCUS of Newly Termed Tibial-Soleal Groove (TSG) Provides Important Landmark Identifying Great Saphenous Vein/ Nerve for Clinical Skills	Brion Benninger, M.D. Western University of Health Sciences COMP-Northwest Lebanon, Oregon
11:45 a.m.–Noon	Methamphetamine Abuse and Cardiac Ejection Fraction	Zarak Khan University of California, Irvine Irvine, CA

ORAL ABSTRACTS FRIDAY, SEPTEMBER 8

RICHARD, LEVEL 5 | 3:15–4:30 p.m.

Time	Title	Presenters
3:15-3:30 p.m.	Zimbabwe Telehealth Pilot Program Identifies High Risk Patients In An Underserved Population Using Point Of Care Echocardiograms And Digital Electrocardiogram	Mark Ward Keller, M.D. University of Colorado Denver, CO
3:30-3:45 p.m.	Impact of Education on POCUS Adoption and Sustainability in Kenya: Preliminary Findings from Scaled Maternal Health POCUS Implementation	Mena Ramos, M.D. Global Ultrasound Institute Oakland, CA
3:45-4 p.m.	Pathways for Progress: The Relationship between Point-of-Care Ultrasound and the United Nations 2030 Sustainable Development Goals	Mena Ramos, M.D. Global Ultrasound Institute Oakland, CA
4-4:15 p.m.	Obstetric Ultrasound and the Detection of Uterine Incarceration: A Case Report	Carolina Brea, M.D. The Ohio State Univ College of Medicine Columbus, OH
4:15-4:30 p.m.	Ultrasound Evaluation of Lens Dislocation and Iridodonesis	Abigail Buckley, Medical Student The Ohio State Univ College of Medicine Columbus, OH

BRULE, LEVEL 5 | 3–4:30 p.m.

Time	Title	Presenters
3-3:15 p.m.	An Ultrasound Advanced Competency in Medical School Translates into basic Competency in Multiple Fields of Medicine. The Honors Ultrasound Experience at The Ohio State.	Jessica A. Everett, M.D. The Ohio State Univ College of Medicine Columbus, OH
3:15-3:30 p.m.	Making Image Acquisition Testing Feasible for Large Medical School Classes Via Asynchronous Ultrasound OSCEs	Jennifer Cotton, M.D. University of Utah Salt Lake City UT
3:30-3:45 p.m.	Fundamentals of Clinical Ultrasound: A Hands-On Curriculum for Pre-Clinical Medical Students	Steven Chen, Medical Student Renaissance SOM at Stony Brook Univ. Stony Brook, NY
3:45-4 p.m.	An Asynchronous Ultrasound Curriculum For Internal Medicine Clerkships-A Pilot Study	Jennifer Cotton, M.D. University of Utah Salt Lake City UT
4-4:15 p.m.	See one, do one, teach one: Recruiting advanced ultrasound medical students for peer and near-peer proctoring.	Farhan Ilyas, Medical Student The Ohio State Univ College of Medicine Columbus, OH
4:15-4:30p.m.	Sound Visionaries: Connecting a Community Through Ophthalmic Ultrasound Education	Jonathan Zhou, Medical Student The Ohio State Univ College of Medicine Columbus, OH

ORAL ABSTRACTS: SATURDAY, SEPTEMBER 9

COLUMBUS, LEVEL 4 10:30 a.m.–Noon		
Time	Title	Presenters
10:30-10:45 a.m.	Delivering a 3-Hour POCUS Right Upper Quadrant Learning Method for First Year Medical Students	Conor Davenport, Medical Student Western University of Health Sciences, COMP-Northwest Lebanon, OR
10:45-11 a.m.	Implementation of Musculoskeletal Ultrasound Education in the Pre-Clinical Years of Medical School	Michael Villalonga, Medical Student The Ohio State Univ College of Medicine Columbus, OH
11-11:15 a.m.	Transesophageal Echocardiography – Student Early Engagement in Didactic Sonography (TEE-SEEDS)	Adam Beres, Medical Student, Jonathan Zhou, Medical Student & Lahari Ramagiri, Medical Student The Ohio State Univ College of Medicine Columbus, OH
11:15-11:30 a.m.	Using asynchronous ultrasound modules to demonstrate musculoskeletal anatomy: a pilot study	Kimberly Rathbun, M.D., Ph.D., M.P.H. AU/UGA Medical Partnership Athens, GA
11:30-11:45 a.m.	Undergraduate Ultrasound Training in Osteopathic Medical Education and Various Healthcare Colleges at Des Moines University	Kevin Carnevale, M.D. Des Moines University Des Moines, IA
11:45 a.m.–Noon	Incorporating an ultrasound assessment station into existing standardized patient encounters	Aimee Martin, M.D. AU/UGA Medical Partnership Athens, GA
COLUMBUS, LEVEL 4 3–4:30 p.m.		
Time	Title	Presenters
3-3:15 p.m.	A Pilot Structured Point-of-Care Ultrasound Curriculum for an Off-Service Rotation during Emergency Medicine Residency	Mit Patel, M.D. Henry Ford Health Detroit, MI
3:15-3:30 p.m.	Almost FAM-US: Implementing a Longitudinal POCUS Curriculum in a Family Medicine Program	Matt Chan, M.D Oregon Health & Science University Portland, OR
3:30-3:45 p.m.	POCUS Champion Pathway: Innovative Training Structure Supporting the Ultrasound Curriculum of a large Internal Medicine Residency Program	Christopher T. Kelly, M.D. Wake Forest University School of Medicine, Atrium Health Wake Forest Baptist Winston-Salem, NC
3:45-4 p.m.	Just In Time! Assessment of Resident Point of Care Ultrasound Attitudes and Behaviors with the Implementation of a Just in Time Ultrasound Training at Two Internal Medicine Programs.	Kevin Piro, M.D. Oregon Health & Science University Portland, OR
4-4:15 p.m.	reFOCUS on POCUS: A Pilot Study to Assess Challenges Influencing POCUS Utilization and Documentation Among Academic Emergency Medicine Physicians	Gee Yoon Park, D.O. Hospital of University of Pennsylvania Philadelphia, PA
4:15-4:30 p.m.	Embedding Structured Ultrasound Simulator Sessions into Residency Point-of-Care Ultrasound Training	Christopher T. Kelly, M.D. Wake Forest University School of Medicine, Atrium Health Wake Forest Baptist Winston-Salem, NC