

CURRICULUM VITAE

Colville H.B. Ferdinand M.D., F.A.C.S., F.S.S.C.

Chief of Trauma and Director of Surgical Critical Care

Associate Professor of Surgery

Chief of Acute Care Surgery Service

Co-Director of Surgical Critical Care Fellowship

Medical Director of Bloodless Medicine and Surgery Program

Medical College of Georgia Hospital – Georgia Health Sciences University

Office Address

1120 15th Street

Augusta, Georgia 30912

Phone: 706-721-3153

Fax 706-721-3239

Pager 706-721-7243 #1461

Email: cferdinand@georgiahealth.edu

CERTIFICATIONS

PA License, MD 069798 L

GA License, MD 053439

ECFMG 05031562

ATLS/ACLS

ATLS Instructor

FCCS Instructor

RTTDC Instructor

MEMBERSHIPS:

American College of Surgeons - Fellow

Southeastern Surgical Congress- Fellow

Georgia Chapter of the American College of Surgeons

Society of Critical Care Medicine

Medical Association of Georgia

Moretz Surgical Society

Young Fellows Association-American College of Surgeons

Trauma Interdisciplinary Group for Research

QUALIFICATIONS:

American Board of Surgery - Surgical Critical Care October 2004

American Board of Surgery - General Surgery March 2004

EDUCATION:

**M.D. ST Georges University School of Medicine, ST Georges Grenada.
December 1994**

ST Georges University School of Medicine,
January 1991- December 1994

Clinical Clerkships:

North Middlesex Hospital. London, England.

January 1993-July 1994

Royal Marsden/Chelsea Westminster Hospital. London, England.

July 1994 - Aug 1994

EMPLOYMENT:

Associate Professor of Surgery Medical College of Georgia, Augusta, GA
July 2009 – Current

Assistant Professor of Surgery Medical College of Georgia, Augusta, GA
August 2003 – June 2009

Trauma/ Critical Care Fellow MCP/Hahnemann University, Philadelphia, PA
July 2002 – June 2003

Chief Resident MCP/Hahnemann University, Philadelphia, PA
July 2001- June 2002

Surgical Resident MCP/Hahnemann University, Philadelphia, PA.
July 1999-June 2001

Surgical Resident Morehouse School of Medicine, Grady Memorial Hospital,
Atlanta, GA.
July 1998- June 1999

Surgical Resident MCP/Hahnemann University, Philadelphia, PA.
July 1997-June 1998

Transitional Year Resident Frankford Hospital, Philadelphia, PA.
June 1996- June 1997

Senior House Officer Kingstown General Hospital, Kingstown,
St. Vincent, West Indies.
January 1996- May 1996

EMPLOYMENT continued:

House Officer Kingstown General Hospital, Kingstown,
St Vincent, West Indies.
January 1995- December 1995

Teaching Assistant St Georges University School of Medicine
(Gross Anatomy) 1991-1992

PRESENTATIONS / CONFERENCES:

Contemporary Management of Rib Fractures
University of Alabama, Birmingham, Alabama 2011

Chest Wall Stabilization
Symposium – Course Director , Birmingham, Alabama 2011

Improving outcomes in Critical Care
American Association of Critical Care Nursing: CSRA Chapter,
Augusta, Georgia, February 2011

Contemporary Management of Rib Fractures: Synthes Regional Meeting,
Charlotte, North Carolina, November 2010

Management of bleeding in Trauma – When Blood Transfusion is not an Option.
Blood conservation and bloodless Medicine Educational Seminar, Augusta, Georgia, September
2010

Rural Trauma Team Development Course, Emanuel Medical Center, Swainsboro, Georgia, April
2010

Advanced Trauma Life Support for Doctors, Course Director
Medical College of Georgia
- June 2006-2011

- November 2009
- March 2010
Archbold Memorial Hospital, Thomasville, Georgia
- December 2010, 2009
- March 2010

Grand Rounds Medical College of Georgia, Augusta, Georgia

- Contemporary Management of Rib Fractures, 2010
- Abdominal Compartment Syndrome, 2006
- Traumatic Brain Injury , 2005
- Role of Recombinant Factor VIIA in Hemeostasis, 2004
- Improving outcomes in Critical Care, 2003

PRESENTATIONS / CONFERENCES continued:

Medical College of Georgia, Augusta, Georgia

- Laproscopic Hernia and Foregut Surgery – Cadaver Lab February 2009
- Advanced Trauma Exposure – Cadaver Lab February 2008-2009
- Advanced Trauma Life Support for Doctors 2004-2011
- Fundamental Critical Care Support, January 2005-2011
- Bedside Procedures – Bioskills Lab, July 2009
- Stapled Anastomosis Bioskills Lab September 2008

Trauma Evaluation and Management

Georgia Health Sciences University-Bimonthly Student lecture, 2009-current

Management of Thermal Injuries, Georgia Health Sciences University

Bi-monthly Student lecture 2004-Current

EMS Symposium – Medical College of Georgia, June 2007

C-spine, Chest, Extremity, Head Trauma

Maynard Trauma Symposium – Morehouse School of Medicine

- Recombinant Factor VIIA in Trauma – April 2006

Pre hospital Trauma Care, Augusta, GA 2005

Acute wound failure- Hahnemann University Hospital, Philadelphia, PA, 2001

Injury to Subclavin and Innominate vessels. Hahnemann University Hospital

Philadelphia, PA, 2000

Rupture of Papillary muscle from blunt Cardiac Trauma
Annual Day of Trauma, Philadelphia, PA, 2001

MEETINGS/COURSES

American College of Surgeons – Clinical Congress

- Washington, D.C., October 2010
- Chicago, IL, October 2009
- San Francisco, CA, October 2008
- New Orleans, LA, October 2007
- Chicago – October 2006
- San Francisco, CA – October 2005
- New Orleans, LA – October 2004
- New Orleans-LA Oct 2001

ACS

- Advances in Trauma, Kansas City, MO

Society of Critical Care Medicine – Clinical Congress,

- Nashville, Tennessee, January 2009
- San Francisco, Jan 2005

Point/Counterpoint - Acute Care Surgery,

- National Harbor, MD, May 2010
- Point/Counterpoint-Acute Care Surgery, Baltimore, MD, June 2008

Masters of Trauma –Ft. Lauderdale, Florida, March 2011

Advanced Surgical Skills for Exposure in Trauma, Baltimore, Maryland, October 2010

Rural Trauma Team Development Course, Washington, D.C., October 2010

Abdominal Wall Reconstruction, Georgetown University Hospital, Washington, DC June 2010

Hernia Repair Symposium – Life Cell, Ft. Lauderdale, FL, February 2010

Thoracic Trauma Technology Symposium – Synthes, Miami, FL May 2010

Ribloc Rib Fracture Plating system - Acute Innovations, Miami, FL, April 2010

Vena Cava Workshop – Carolina Medical Center, Charlotte, NC, November 2009

Sternal Closure and Thoracic Trauma Technology Symposium – Synthes –
West Chester, PA, November 2009

Post Graduate Course in Surgery –Medical University of South Carolina, Charleston,
South Carolina, April 2009

Rib Fracture repair workshop – Acute Innovation, San Francisco, CA, October 2008

Lifecell Bioskills Lab – Complex Hernia Repair with Component Separation and
Biologic Mesh, Durham, North Carolina, November 2008

Georgia Medical Association - Conference of Delegates,
Savannah, Georgia, September 2007

Georgia Chapter American College of Surgeons,
Sea Island, Georgia, September 2007

American College of Surgeons – Surgeons as Educators Course
Chapel Hill, NC Sept. 2007

Washington Hospital Center – The Business of Surgery
Washington, DC May 20 2007

American College of Surgeons- Spring meeting, Las Vegas, NV April 2007

American Hernia Society and European Hernia Society Clinical Congress
Boston – Oct 2006

American College of Surgeons Leadership Council
Washington, DC – June 2006

Maynard Trauma Symposium – Morehouse School of Medicine
Atlanta, GA – April 2006

Eastern Association for the Surgery of Trauma
Fort Lauderdale – Jan 2005

GRANTS

1K01NR011471-01 NIH/NINR

\$287,000

NeSmith, E.G., Catravas, J, Marsland, A., Alexander, S., Cannon, J., Dong, Y., Hawkins, M., **Ferdinand, C.**, Atteberry, L., O'Malley, K. "Accelerated biologic aging and risk for sepsis and organ failure following trauma." 7/01/10-06/30/13

MCG Cardiovascular Discovery Institute \$125,000

NeSmith, E., Catravas, J., Hawkins, M., **Ferdinand, C.**, Atteberry, L., O'Malley, K., Medeiros, R., Park, M."The effect of hsp90 inhibitors on LPS-induced inflammation following trauma." 1/1/10-6/30/11

Georgia Trauma Commission. \$100,000)

Medeiros, R., Bias, R., Hawkins, M. **Ferdinand, C.**, Atteberry, L., O'Malley, K., NeSmith, E. An examination of provider perceptions of the ability of telemedicine to improve trauma patient 9/1/10-9/30/12 outcomes, continuity of care, and cost-effectiveness when used as a referral tool for trauma transfers.

RESEARCH/PUBLICATIONS

Mitchell JM, Beatty JS, Gucwa AL, **Ferdinand CH.** Traumatic Rupture of a Previously Undiagnosed Giant Hepatic Hamangioma: A Case Report and Review of the Literature.

CHB Ferdinand. Telemedicine in Trauma and Emergency Care. Epic, Georgia College of Emergency Physicians, Summer 2011 issue. Impact of Traumatic Suicide Methods on a Level I Trauma Center. Am Surg. JG4th Bittner, ML

JG4th Bittner, ML Hawkins, L Atteberry, **CH Ferdinand,** RS Medeiros. Impact of Traumatic Suicide Methods on a Level I Trauma Center. Am Surg 2010 Feb 76(2): 176-81

JS Beatty, **CHB Ferdinand,** WB Bates, T. Wanna, ML, Hawkins. Profund Femoris Artery Bullet Embolus Resulting From a 22 Caliber Gunshot Wound to the Back. American Surgeon, in Press.

JS Beatty, **CHB Ferdinand,** WB Bates, T. Wanna, ML Hawkin. Poster Presentation- Southeastern

Surgical Congress: Profund Femoris Artery Bullet Embolus Resulting From a 22 Caliber Gunshot Wound to the Back Poster Presentation Non-Operative Management of Solid Organ Injury Diminishes Surgical Resident Operative Experience:

Hawkins ML, Medeiros RS, Beatty JS, Atteberry LR, **Ferdinand CH,** Mellinger JD. Is it time for Simulation raining? Bittner JG 4th, J Surg Res 2010 Oct;163(2):179-85, Epub 2010 Jun 13

John Beatty, Angela Gucwa, Jared Harper, Linda Atteberry, **Colville Ferdinand**
Partial Splenic Embolization in a Cirrhotic Patient with Thrombocytopenia and a Traumatic
Brain Injury: A Non-Traditional Application of an Established Treatment Modality

James Bittner, Michael Hawkins, Linda Atteberry, **Colville Ferdinand**, Regina Medeiros
Impact of Traumatic Suicide Methods on a Level I Trauma Center

Colville Ferdinand, Cargille Alleyne, Linda Atteberry, Michael Hawkins. Impact of
Intra-Abdominal Pressure on Intra-Cerebral Pressures in Patients with Severe Traumatic
Brain Injury

Linda Atteberry, **Colville Ferdinand**, Michael Hawkins. Ultrasonographic Examination of the
Urinary Tract at the Bedside: Can This Technique Supplant the Use of Abdominal CT as an
Evaluation Tool in the Acute Trauma Patient?

Michael Edwards, **Colville Ferdinand**, Adeline Deladisma. Development of Model to Predict
Failure of Non-Operative Management of Severe Blunt Splenic Injury

CHB Ferdinand, M Edwards, M Hawkins A Phase 2, Open-Label, Non-Comparative Study of
Doripenem in the Treatment Of Nosocomial and Ventilator-Associated Pneumonia in hospitals
where, Pseudomonas Aeruginosa may be a Prevalent Pathogen.

J.Adams, M.Hawkins, **CHB Ferdinand**, R.Medeiros. Superior Mesenteric Artery Syndrome in
the Modern Trauma Patient American Surgeons 73-(8)-803-6

M.L. Hawkins, D.L. Frange, **CHB Ferdinand**. Recurrent Asystole Resulting from High
Cervical Spinal Cord Injuries - Poster Presentation – Southeastern Surgical Congress - Feb 2006

CHB Ferdinand. Retrospective Study of CSCI Patients with Neurogenic Shock Requiring
Cardiac Pacemaker

J. Cue, **CHB Ferdinand**. A Multicenter, Randomized, Open- Label, Phase 3 Study to Compare
the Safety of Intravenous Doripenem with that of Intravenous Imipenem in Ventilator-
Associated
Pneumonia

J. D. Mellinger, **CHB Ferdinand**. A Multicenter, Double-Blind Randomized, phase 3 study
Compare the Safety and Efficacy of Intravenous Doripenem With That of Meropenem in
Complicated Intra- Abdominal Infections

J. Cue, **CHB Ferdinand**. Linezolid in the Treatment of Subjects with Nosocomial Penumonia

Proven to be Due to Methicillin- Resistant Staphylococcus Aureus

M.L. Hawkins, **CHB Ferdinand**. Crash 2 Clinical Randomization of an Antifibrinolytic in Significant Hemorrhage

CHB Ferdinand Clostridium Difficile Colitis and Toxic Mega Colon - A review unpublished

OTHER

ICU Committee June 2011

Reviewer Surgical Endoscopy Journal 2005-Current

Length of Stay task force, MCG 2011

Healthcare Consultant Gerson Lehrman Group Council, 2004- Current

Medical Director, Quality Unit Council 4 West, MCG, 2010 - Current

Communications Committee, ACS Young Fellow Association, 2010 – current

Member Transfusion Committee, 2005-Current

Organ Donation and Transplant Committee, 2008-Current

Medical Director- Pre hospital Trauma Life Support (PHTLS)
Augusta Technical College, 2004-2008

Medical Director Bloodless Medicine and Surgery Program, April 2009 – Current

Trauma Interdisciplinary Group for Research Member 2009 – Current

Clinical Advisor – Student Educational Enrichment Program, 2004 -2007

Member Georgia Chapter of American College of Surgeons Legislative and Issues Committee, 2005-2008

Georgia Chapter Young Surgeons representative to American College of Surgeons Leadership Council, 2006-2007

Director - Medical College of Georgia Surgical Morbidity and Mortality Conference,

2004-2009

Delegate Georgia Chapter of American College to Georgia Medical Association
Conference of delegates- 2006- 2008

Course Director – ATLS – Medical College of Georgia – 2007

Member Bloodless Medicine Physician Panel – Medical College of Georgia, 2004-Current

Member Advocacy and Health Care Policy Committee – Georgia Chapter American
College of Surgeons, 2005-2008

Member Education Committee- Dept of Surgery – Medical College of Georgia

Member Surgical Skills Curriculum Subcommittee- Medical College of Georgia