

## CLIFFORD R. DAVIS, M.D.

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**Practice:** Associate Professor, Department of Radiology, University of South Florida Morsani College of Medicine **2008-2023**  
Radiology Associates of Florida Hybrid Practice

### EDUCATION

University of Florida, Shands Hospital, Gainesville FL  
**Diagnostic Radiology Residency and Interventional Radiology Fellowship** **2003-2008**

Medical College of Virginia, Richmond VA  
**Medical Doctor** **1998-2002**

Virginia Tech, Blacksburg VA  
**Bachelor Science** **1994-1998**

### PROFESSIONAL LEADERSHIP/SERVICE

**Vice President of Medical Affairs – Tampa General Hospital** **2023-Current**  
Supervises major medical staff committees including Peer Review, Credentialing and Professionalism Committee.

- Advises provider-based quality initiatives.
- Supervises credentialing/medical staff office for TGH system.

**Medical Staff Officers Board – Tampa General Hospital: Vice Chief-of-Staff** **2022-2023**  
Elected two-year term by medical staff of 1080 bed teaching hospital.

- Vice COS chairs the Professionalism Committee – 30-member physician committee charged with reviewing all professionalism events at TGH, developing interventions and recommendations to MEC/credentialing.
- Chair of TGH Policy Committee – physician and administrative committee charged with reviewing Medical Staff policies and procedures, editing and presenting to MSO and MEC.
- MSO is responsible for overseeing credentialing, physician policies, developing and enforcing bylaws, assist in future hospital development.

**Executive Leadership Board – Radiology Associates of Florida: Vice President** **2022-2023**  
Executive committee makes all major decisions of new business, contracting, hires, fee negotiation for RAF, a 150-physician radiology practice covering over 20 locations in Florida.

**Pulmonary Embolus Response Team – Director** **2021-current**  
Developed multidisciplinary clinical pathway, ordersets and protocol in conjunction with Interventional Radiology, USF Pulmonary/Critical Care, USF Cardiology and TeamHealth Emergency physicians.

**Medical Staff Officers Board – Tampa General Hospital: Treasurer** **2020 - 2022**  
Elected two-year term by medical staff of 1080 bed teaching hospital.  
Board is responsible for overseeing credentialing, physician policies, developing and enforcing bylaws, assist in future hospital development. Elected 2020.

**TGH Surgical Suites Committee – Interventional Radiology Representative** **2022-2024**  
Monthly meeting with surgical/procedural leadership and hospital administration to improve patient outcomes, quality and efficiency in procedural areas.

**Society of Interventional Radiology Private Practice Committee** **2019-2021**  
Appointed to five-member committee to develop educational, leadership and practice development programs to private practice interventional radiologists.

**Tampa General Hospital Quality Council – Committee member** **2020-2022**  
Quality Council includes leaders throughout TGH/USF which report outcomes, trends and quality improvement. Reports are summarized and reported at monthly Medical Executive Committee meeting.

<b>Medical Staff Executive Board – Tampa General Hospital: Member-at-Large</b>	<b>2018 - 2020</b>
Elected to consecutive two-year terms by medical staff of 1080-bed teaching hospital. Board is responsible for overseeing credentialing, physician policies, developing and enforcing bylaws, assist in future hospital development. Elected 2018.	
<b>Tampa General Hospital Hepatobiliary Symposium Co-Chair</b>	<b>2019</b>
Development and organization of regional multidisciplinary annual conference on hepatobiliary disease with TGMG transplant, USF GI, USF HPB surgery and USF IR departments. Responsibilities included event location, program, corporate sponsorship, scheduling and CME for attendees.	
<b>Society of Interventional Radiology – Prostate Embolization Research Consensus Panel</b>	<b>2018 - 2019</b>
Chief investigator charged with organization to lead national research, assist in developing multicenter trial on Prostate Artery Embolization.	
<b>Tampa General Hospital Hepatobiliary Symposium Co-Chair</b>	<b>2018</b>
Development and organization of regional multidisciplinary annual conference on hepatobiliary disease with TGMG transplant, USF GI, USF HPB surgery and USF IR departments. Responsibilities included developing event location, program, corporate sponsorship, scheduling and CME for attendees.	
<b>Medical Staff Executive Board – Tampa General Hospital: Member-at-Large</b>	<b>2016 - 2018</b>
Elected to consecutive two-year terms by medical staff of 1080-bed teaching hospital. Board is responsible for overseeing credentialing, physician policies, developing and enforcing bylaws, assist in future hospital development. Elected 2016.	
<b>Orion Medical Management Executive Board</b>	<b>2014 - 2018</b>
Elected by partners of TOWER radiology - Management Service Organization (MSO) for TOWER radiology and associated medical groups. Board directs Revenue Cycle Management, IT, Clinical Management.	
<b>Tampa General Hospital/University of South Florida Leadership Academy</b>	<b>2018</b>
Twenty physicians selected by administration from TGH medical staff to attend twelve-month leadership course. Courses taught by medical business leaders and USF Muma business school faculty covering medical and small business accounting, leadership skills and techniques.	
<b>Tampa General Hospital Professionalism Committee</b>	<b>2018 - 2023</b>
Multispecialty committee reviews and investigates reports of unprofessional behavior by medical staff. Recommends actions to medical staff officers and medical executive committee.	
<b>Cancer Committee, Tampa General Hospital Co-Chairman</b>	<b>2012 – 2018</b>
Multispecialty committee appointed by hospital administration to obtain ASCO certification.	
<b>Physician Professional Review Committee - Radiology Assoc of Florida</b>	<b>2014 - 2022</b>
Physician led committee chosen to review and investigate, recommend corrective measures for unprofessional behavior by physicians employed by RAF.	
<b>Tower Radiology/Advanced Diagnostic Imaging Board</b>	<b>2012 – 2014</b>
Elected by partners of TOWER radiology. Executive board member of private outpatient imaging corporation employing over 500 persons, operating 15 imaging centers and independent MSO/billing corporation. Board duties included implementing and recommendations for all major business aspects of the corporation.	
<b>Society of Interventional Radiology Leadership Academy – 2012 SIR annual meeting</b>	<b>2012</b>
Nominated by peers and attended SIR leadership academy to promote and foster leadership to future leaders in the field.	
<b>Scheduling committee, Radiology Associates of Florida, Tampa FL</b>	<b>2011-2016</b>
Developed Interventional and Neurointerventional IR call/clinic schedule for 8 physicians; manage office personnel and answering service.	

**Tower Imaging Qualified Retirement Plan Trustee** 2017-2021  
Biannual committee charged with choosing investment plan options for ~ 500 Tower employees.

## PROFESSIONAL EXPERIENCE

**Program Director IR Integrated Residency (PGY 2-6) – Department of Radiology, USF Health** 2018-2022  
Perform GME and ACGME programmatic paperwork. Responsible for developing program curriculum and protocols. Develop lecture series for residents, interviews, oversee program committees, teaching conferences, research. Perform resident mentoring, faculty/resident evaluations.

**Program Director IR Independent Residency (PGY 6/7) - Department of Radiology, USF Health** 2019-2022  
Submitted initial application to GME/ACGME for approval. Perform programmatic paperwork. Responsible for developing program curriculum and protocols. Develop lecture series for residents, oversee program committees, interviews, teaching conferences, research. Perform resident mentoring, resident evaluations.

**Program Director/Mentor, Early Specialization in Interventional Radiology Pathway – USF Health** 2019-2022  
Developed program and submitted GME/ACGME application for initial approval. Pathway developed for diagnostic radiologist residents at USF to declare specialization in IR early in training. Offers additional IR training during DR residency. Program provides eligibility for “Independent IR residency” as PGY-6.

**Clinical Competency Committee – Interventional Radiology Integrated and Independent Residencies** 2019-2023  
Committee reviews resident performance biannually. Reviews evaluations, in-service exams, didactic attendance, scholarly activity. Recommends intervention or progression of residents.

**Program Evaluation Committee – Interventional Radiology Integrated and Independent Residencies** 2019-2023  
Committee meets annually to review program and faculty evaluations. Develops plan to overcome barriers to resident education, make changes to the residency program based on resident and faculty input.

**Associate Program Director Interventional Radiology Fellowship – University of South Florida** 2016-2018  
Assisted in initial application to GME/ACGME to develop IR fellowship into Integrated IR residency at USF. Responsible for organizing curriculum, resident call schedule, teaching conferences, research and fellow/resident evaluations. Perform fellow interviews/tours.

**Interventional Radiology Lecture Series** 2009-Current

Performed didactic teaching to Interventional Radiology Residents on following topics:  
*Transjugular Intrahepatic Portosystemic Shunt (TIPS) – Placement, narrowing, PV recanalization.*  
*Chemoembolization for hepatic tumor therapy*  
*Radioembolization for hepatic tumor therapy – Dosimetry*  
*Radioembolization for hepatic tumor therapy – Procedure and delivery techniques*  
*Genitourinary IR – Nephrostomy, suprapubic tube placement*  
*Prostate Artery Embolization – Urologic workup, procedural techniques*  
*Thermal ablation of hepatic tumors – Cryoablation, IRE, RFA, Microwave*  
*Portal Vein Embolization – Procedure techniques and clinical uses*  
*Vertebral Augmentation – Kyphoplasty/Vertebroplasty Indications and procedure technique*  
*Commonly used medications in IR – Conscious sedation, opioids, reactions*  
*Uterine Artery Embolization – Patient evaluation, procedure techniques*  
*Anticoagulation –Heparin derivatives, NOACs, DOACs, heparin alternatives*

**Diagnostic Radiology Lecture Series** 2009-Current

Performed didactic teaching to Diagnostic Radiology Residents on following topics:  
*Transjugular Intrahepatic Portosystemic Shunt*  
*Central Venous Access*  
*Chemoembolization for hepatic tumor therapy*  
*Radioembolization for hepatic tumor therapy*  
*Thermal Ablation of hepatic tumors – Cryoablation, IRE, RFA, Microwave*  
*Diagnostic Imaging related to Interventional Oncology*  
*Portal vein interventions – Embolization, BRTO, CARTO*  
*Vertebral Augmentation - Kyphoplasty/Vertebroplasty Indications and procedure technique*

<b>USF Urologic Surgery Didactic Lecturer – Prostate Artery Embolization</b>	<b>2018</b>
<b>USF Internal Medicine Didactic Lecturer – Vertebral Augmentation, Dialysis Access.</b>	<b>2016</b>
<b>Cardiovascular Imaging Fellowship Developer – University of Florida at Shands</b> In conjunction with 3 diagnostic radiology residents; developed 6-week curriculum, syllabus, weekly practicum for fellowship in cardiovascular imaging attended by cardiologists and diagnostic radiologists.	<b>2006-2007</b>

## AWARDS/HONORS

<b>Society of Interventional Radiology Foundation Award “Grants for Education of Students”</b> Sponsored and mentored medical student awarded a grant by SIR foundation to cover travel/living expenses during 4-week Interventional Radiology rotation at USF/TGH.	<b>8/2020</b>
<b>Tampa Magazine – “Top Physicians”</b> Named one of top physicians in the Tampa/St. Petersburg area. Non-solicited	<b>2017-2024</b>
<b>“Best Doctors in America” - Non-Solicited</b>	<b>2019-2020</b>
<b>Radiology Resident Teaching Award – University of Florida</b> Awarded to single resident each year who excelled at teaching students and residents	<b>2007</b>

## MEDICAL STUDENT MENTORSHIP

<b>Medical student rotation mentor</b> Mentor 4-6 students annually from USF and outside programs rotating in USF IR during MS-4 year. Mentor on residency application, research requirements, expectations of IR residency. Perform teaching of basic techniques/principles and devices used in IR.	<b>2016-2023</b>
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**Research Mentor** - Sponsored medical students in development of research topics, reviewed data, assisted in IRB and abstract submission, poster development for national IR meetings in following abstracts (**bold accepted for oral presentation**) – Detailed in abstract section.

- Safety and Efficacy of Loop Snare Versus Endobronchial Forceps for Complex IVC Filter Retrieval (2021)*  
***Effects of Tobacco Abuse and Other Patient-Specific Comorbidities on Technical Success of Prostate Artery Embolization (2021)***  
*Post-Operative Liver Transplant Ultrasounds and Vascular Complications. (2020)*  
*Iatrogenic Catheter Induced Pulmonary Artery Pseudoaneurysms: A Case Report (2019)*  
*A Prospective Trial Evaluating Prostate Artery Embolization Outcomes for Benign Prostatic Hypertrophy (2019)*  
***Prostate Artery Embolization: Midterm Results of Prospective Trial Evaluating PAE for BPH with Prostate Size > 90 (2018)***  
*Prostate Artery Embolization of >1500 cc Prostate due to Benign Hypertrophy. (2018)*  
*Acute Gouty Arthritis Following Percutaneous Cryoablation of Renal Cell Carcinoma. (2018)*  
*Pulmonary Embolism: Do Pulmonary Artery Pressures Correlate with Laboratory and Imaging of RH Dysfunction (2017)*  
*Pre-Procedure Paravertebral Block for ALS Patients Undergoing Percutaneous Radiologic Tube Placement. (2017)*  
*Clinical Utility of Image-guided Biopsy in Diagnosis and Management of Vertebral Osteomyelitis-Retrospective Cohort Study. (2016)*  
*Sonothrombolysis of Submassive and Massive Pulmonary Embolus with EKOS and tPa (2014)*  
***Ultrasound Assisted Thrombolysis of IVC to Popliteal DVT, single center experience. (2014)***

## PEER REVIEWED PUBLICATIONS

<i>Multicenter Quantification of Radiation Exposure and Associated Risks for Prostate Artery Embolization in 1476 Patients.</i> Ayyagari R, Rahman S, Grizzard K, Mustafa A, <b>Davis C</b> , et al. <i>Radiology</i> , Vol 310; No 3 DOI: <a href="https://doi.org/10.1148/radiol.231877">https://doi.org/10.1148/radiol.231877</a>	<b>2024</b>
<i>Predictors of Endobronchial Forceps Utilization for IVC filter Retrieval: When Snare Retrieval Fails.</i> Kang R, Schuchardt P, Charles J, <b>Davis C</b> , et al. <i>Cardio Vasc Interv Radiology</i> , Vol 6; Art 55 DOI: <a href="https://doi.org/10.1186/s42155-023-00392-9">https://doi.org/10.1186/s42155-023-00392-9</a>	<b>2023</b>
<i>Portal Vein Embolization: Rationale, Techniques, and Outcomes to Maximize Remnant Liver Hypertrophy with a Focus on Contemporary Strategies.</i> Charles J, Nezami N, Loya M, Shube S, <b>Davis C</b> , Hoots G, Shaikh J. <i>Life</i> . 2023; 13(2):279. DOI: <a href="https://doi.org/10.3390/life13020279">https://doi.org/10.3390/life13020279</a>	<b>2023</b>
<i>Safety and Efficacy of Inferior Vena Cava Filter Retrieval: A 5-year Single Center Retrospective Review from Tertiary Care Center.</i> Schuchardt P, Kis L, Goloubev A, Keshishian E, Mhaskar R, Hoots G, <b>Davis C</b> , Massis K, Shaikh J. <i>Cardiovasc Inter Rad – Endovasc</i> : Aug 2022; Vol 5; 29. DOI: <a href="https://doi.org/10.1186/s42155-022-00316-z">https://doi.org/10.1186/s42155-022-00316-z</a>	<b>2022</b>

- Role of Image-Guided Biopsy in the Diagnosis and Antimicrobial Management of Vertebral Osteomyelitis.* 2021  
Keshishian E, Ajrawat H, Declue C, Fisher W, Kumar A, Zwiebel B, **Davis C**, Massis K, Hoots G, Meader S.  
Infect Dis in Clin Pract: July 2020; Volume 28; Issue 4; p 223-229. DOI: 10.1097/IPC.0000000000000867
- Multicenter Evaluation of Survival and Toxicities of Hepatocellular Carcinoma following Radioembolization: Analysis of the RESin Registry.* Franz, S, Matsuoka L, Vaheesan K, et al. **(Registry participant)** 2021  
J of Vac Interv Radiology Vol 32, Issue 6, June 2021, pg 845-852. PMID 33812981  
DOI: <https://doi.org/10.1016/j.jvir.2021.03.535>
- Partial Splenic Embolization Treats Recurrent Left Pleural Effusions in a Patient with Portal Venous System Thrombosis.* Mohamed A, Jazayeri O, Markovitz M, Declue C, Barakat E, **Davis C.** 2021  
Rad Case Rep, Vol 16, Ussue 7, July 2021, Pg 1862-1864. PMID 34149975 DOI: 10.1016/j.radcr.2021.04.051
- Prostatic artery embolization for bladder outlet obstruction in the setting of prior posterior Urethroplasty.* D Pierce, A Dahmen, **C Davis**, L Wiegand. Uro Case Reports. Vol 36; May 2021  
PMID 33598406 DOI: 10.116/j.eucr.2021.101590
- Ultrasound-Accelerated Thrombolysis and Venoplasty for the Treatment of the Post Thrombotic Syndrome: Results of the ACCESS PTS Study.* Garcia MJ, Stearling, KM, Kahn SR, Comeroat AJ, Jaff MR, Ouriel K, Weiber I; **ACCESS PTS Investigators.** J AM Heart Assoc. 2020 Feb 4; 9(3): E013398.  
DOI: 10.1161/JAHA.119.013398. Epub 2020 Jan 25. PMID 31983322
- Development of a Research Consensus Agenda In Prostate Artery Embolization: Summary of Society of Interventional Radiology Consensus Panel.* **Davis C**, Golarian J, White S, Fischman A, et al. J Vasc Int Rad Jan 2020, Vol 31 (1), pg 108-113. DOI: 10.1016/j.jvir.2019.09.019.  
PMID 31771895
- Radiologic versus Endoscopic Placement of Gastrostomy Tube: Comparison of Indications And Outcomes at a Tertiary Referral Center.* Clayton S, DeClue C, Lewis T, Rodriguez A, Kokhorst K, Syed R, Kumar A, **Davis C**, Brady P. Jan 2019, South Med J: 112 (1): 39-44 PMID 30608631
- Interventional Radiology Treatments of HCC.* **Davis C** 2010  
Cancer Control; 2010 Apr; 17 (2): 87-99 PMID 20404792
- Renal Artery Embolization: Application and Success in Patients with Renal Cell Carcinoma and Angiomyolipoma.* Caridi J, **Davis C**, Boyett T. Semin Intervent Radiol 2007 March; 24(1): 111-116. PMID 21326748

## PUBLISHED ABSTRACTS

- Safety and Efficacy of Loop Snare Versus Endobronchial Forceps for Complex IVC Filter Retrieval.* 2021  
Kis, B.S, P Schuchardt, A Goloubev, E Keshishian, **C Davis**. ISET 2021. J Vasc Interv Radiol 2021; 32; E23.  
<https://doi.org/10.1016/j.jvir.2021.03.539>
- Reduction in Radiation Dose to Interventional Radiologist Using the StemRad MD Exoskeletal System.* 2021  
M. Markovitz, E. Barakat, B. Zwiebel, **C. Davis**. ISET 2021. J Vasc Interv Radiol 2021; 32; E11.  
<https://doi.org/10.1016/j.jvir.2021.03.539>
- Effects of Tobacco Abuse and Other Patient-Specific Comorbidities on Technical Success of Prostate Artery Embolization.* Goloubev A, Declue C, **Davis C**. SIR meeting 2021. J Vasc Interv Rad, Vol 32; 5; S124. DOI: <https://doi.org/10.1016/j.jvir.2021.03.294>
- Prostate Artery Embolization: Prospective Single-Center Trial Evaluating Prostate Artery Embolization Outcomes for Benign Prostatic Hypertrophy (Prostates Over 90 cc).* 2018  
K. Kuppler, R. Gnesda, L. Rachakonda, G. Hoots, **C. Davis**. ISET annual Meeting 2/2018. ISET annual Meeting 2018. J Vasc Interv Rad, Vol 29; 2; E11. DOI <https://doi.org/10.1016/j.jvir.2017.12.007>
- Acute Gouty Arthritis Following Percutaneous Cryoablation of Renal Cell Carcinoma.* 2018  
G. Hoots, S. Lu, A. Hussain, K. Massis, **C. Davis**, B. Zwiebel. ISET annual Meeting 2018.  
J Vasc Interv Rad, Vol 29; 2; E12. DOI <https://doi.org/10.1016/j.jvir.2017.12.007>

- A Case of Spontaneous Uterine Artery Pseudoaneurysm in a Primigravid Woman at 16 Weeks' Gestation* 2018  
G. Hoots, S. Shube, **C. Davis**, K. Kuppler, R. Gnesda, B. Zwiebel. ISET annual Meeting 2018.  
J Vasc Interv Rad, Vol 29; 2, E8. DOI <https://doi.org/10.1016/j.jvir.2017.12.007>
- Pulmonary Embolism: Do Pulmonary Artery Pressures Correlate with Laboratory and Imaging of Right Heart Dysfunction.* 2017  
**Davis C**, Lee J, Lambert N, Keasler E, et al. ISET annual meeting 2017.  
J Vasc Interv Rad, Vol 28; 2, E1, 2017. DOI <https://doi.org/10.1016/j.jvir.2016.11.045>
- Can the Pulmonary Embolism Severity Index (PESI) be used as a clinical tool prior to catheter Directed pulmonary artery thrombolysis?* 2017  
J. Lee, C. Wrigley, S. Perrin, **C. Davis**, et al. Abstract 580 IR  
annual meeting, 2017. J Vasc Interv Rad, Vol 28, 2, S246, 2017. DOI <https://doi.org/10.1016/j.jvir.2016.12.1205>
- Pre-Procedure Paravertebral Block for ALS Patients Undergoing Percutaneous Radiologic Tube Placement.* 2017  
**Davis C**, Decker S, Bermejo G, Zanga H, Zwiebel B, et al. Poster presentation  
CIO annual meeting 2017. J Vasc Interv Rad, Vol 28; 2, E24, 2017. DOI <https://doi.org/10.1016/j.jvir.2016.11.061>
- Midterm Results of a Prospective Single-Institution Trial of Prostate Embolization for BPH in Prostates > 90 grams.* 2017  
**Davis C**, Hernandez D, Bukkapatnam R, Meader S, Rojas H, et al. ISET annual meeting 2017  
J Vasc Interv Rad, Vol 28; 2, E20, 2017. DOI <https://doi.org/10.1016/j.jvir.2016.11.045>
- Sonothrombolysis of Submassive and Massive Pulmonary Embolus with EKOS and tPa.* 2014  
**Davis C**, Zwiebel B, Samuel D, DeClue C, Lewis T, et al. ISET annual meeting 2014. J Vasc Interv Rad, Vol 25;  
1; E6, 2014. DOI <https://doi.org/10.1016/j.jvir.2013.11.028>

## PRESENTED ABSTRACTS

- Post-Operative Liver Transplant Ultrasounds and Vascular Complications.* 2020  
Kanaparthi S, Kayaleh R, **Davis C**, et al. Oral/Poster Presentations at Southern Surgical Conference 2/2020 and Amer Transplant  
Conf 4/2020
- Iatrogenic Catheter Induced Pulmonary Artery Pseudoaneurysms: A Case Report* 2019  
Keshishian E, Owens K, Dawson L, **Davis C**. Florida Rad Society Annual Meeting 7/2019, Miami FL
- A Prospective Trial Evaluating Prostate Artery Embolization Outcomes for Benign Prostatic Hypertrophy (Prostates > 90cc).* 2019  
Z. Asi, M. Campbell, C. Engle, **C. Davis**. ISET meeting 2019, Miami, FL
- Prostate Artery Embolization: Midterm Results of Prospective Trial Evaluating PAE for BPH with Prostate Size > 90.* 2018  
**C. Davis**, K. Kuppler, Y. Mayers. **Oral Presentation**,  
GEST Annual meeting 5/2018. Miami FL.
- Prostate Artery Embolization of >1500 cc Prostate due to Benign Hypertrophy.* 2018  
**C. Davis**,  
K. Kuppler, Y. Mayers. GEST Annual meeting 5/2018. Miami FL.
- Clinical Utility of Image-guided Biopsy in Diagnosis and Management of Vertebral Osteomyelitis- A Retrospective Cohort Study.* 2016  
Ajrawat H., Keshishian E., **Davis C.**, Massis K., Hoots G., Kumar A., Meader S  
Abstract AMA Research Symposium Orlando, FL. 11/2016
- Descriptive Analysis of Liver MR Enhancement Following Various Chemoembolization Techniques in Patients with Hepatocellular Carcinoma.* 2016  
Declue C., Ajrawat H., Keshishian E., Sherif A., Kedar R., **Davis C**.  
Poster - FRS 2016 annual meeting, Amelia Island, Florida
- Ultrasound Assisted Thrombolysis of IVC to popliteal DVT, single center experience.* 2013  
**Davis C**,  
Declue C, Francis C. Poster/Abstract presentation at Inter Soc of Vasc Surg annual meeting Miami FL.
- Assessment of Tumor Necrosis Following Chemoembolization for Hepatocellular Carcinoma in Liver Transplantation: Possible Benefit of Drug-eluting Beads.* 2011  
Alsina, A. MD, Franco,  
E.S. MD, Rojas, H., Brantley, S. MD, **Davis, C.** MD. AASLD, San Francisco 2011
- Impact of Drug-Eluting Bead Chemoembolization on Survival and Recurrence of Hepatocellular Carcinoma (HCC) Post Liver Transplantation.* 2011  
Rojas, H, Franco, E.S. MD, **Davis, C.** MD, Zwiebel, B. MD,  
Brantley, S. MD, Neff, G. MD, Alsina, A. MD. AASLD, San Francisco 2011

## INVITED SPEAKER ENGAGEMENTS

<b>Guest speaker – Outpatient Endovascular and Interventional Society Annual Meeting 5/2023</b>	<b>2023</b>
Topic: <i>PAE – CTA and CBCT for PAE: How and when to use these technologies</i>	
Topic: <i>PAE – How to ID the Prostate Artery Confidently</i>	
<b>Guest speaker – Outpatient Endovascular and Interventional Society Annual Meeting 6/2022</b>	<b>2022</b>
Topic: <i>PAE – Who and Outcomes</i>	
Topic: <i>PAE – How to ID the Prostate Artery Confidently</i>	
<b>Guest speaker – Society of Interventional Radiology Annual Meeting 6/2022</b>	<b>2022</b>
Topic: <i>How to Get Started and Build a PAE practice</i>	
Topic: <i>Hands-On-Lab: Women’s &amp; Men’s Health – PAE – How I do it</i>	
<b>Guest Speaker – Association of Vascular Interventional Radiographers Annual Meeting 6/2022</b>	<b>2022</b>
Topic: <i>Emerging Technologies - Histotripsy for Liver Tumors</i>	
<b>Guest speaker – American Society of Emergency Radiology Annual Meeting 9/2021</b>	<b>2021</b>
Topic: <i>Effects of Locoregional Therapies in Emergency Imaging</i>	
<b>Guest speaker – Southeastern Angiographic Society Annual Meeting 10/2021</b>	<b>2021</b>
Topic: <i>Histotripsy of hepatic tumors, Update on Prostate Artery Embolization</i>	
<b>Guest speaker and Moderator – Global Embolization Symposium and Technologies 6/2021</b>	<b>2021</b>
Topic: <i>The Beauty of Radial Prostate Artery Embolization</i>	
<b>Guest speaker and Moderator - Global Embolization Symposium and Technologies (GEST) 9/2020</b>	<b>2020</b>
Topic: <i>Difficult Superior Vesicular Artery During Prostate Embolization</i>	
Moderator: <i>Prostate Artery Embolization</i>	
<b>Guest Speaker – Hepatobiliary Symposium</b>	<b>2019</b>
Specialty regional physician meeting hosted by TGMG/USF for community physicians.	
Topic: <i>Thermal Ablation for liver tumors, Transarterial therapies for liver tumors.</i>	
<b>Guest speaker-Spectrum Interventional Oncology Annual Meeting (SIO)</b>	<b>2018</b>
Topic: <i>Art of Complex PAE, Triage and Post Procedure Care for PAE, Case Reviews</i>	
<b>Guest speaker- International Symposium on Endovascular Therapy (ISET) Annual Meeting</b>	<b>2018</b>
Topic: <i>My Worst Complication – Panel review of severe IR complications and avoidance.</i>	
<b>Guest Speaker – Hepatobiliary Symposium</b>	<b>2018</b>
Specialty regional physician meeting hosted by TGMG/USF for community physicians.	
Topic: <i>Alphabet Soup for Portal Intervention, Transarterial therapies for liver tumors.</i>	
<b>Interventional Radiology Fellowship Practicum Proctor – Topic Embolization</b>	<b>2017</b>
Speaker/proctor at annual IR teaching program offered to U.S. IR residents	
<b>Guest Speaker – Clinical and Contemporary IR – Annual meeting sponsored by UCLA</b>	<b>2017</b>
National meeting featuring upcoming procedures/technologies in IR	
Topic: <i>Prostate artery embolization</i>	
<b>Guest Speaker – Florida Liver Forum, St. Petersburg FL</b>	<b>2012</b>
Speaker at statewide multispecialty conference focused on current therapy for hepatitis and HCC	
Topic: <i>Locoregional Treatments of HCC</i>	

## INDUSTRY SPONSORED ENGAGEMENTS

<b>Boston Scientific Strategic Advisory Board – Interventional Oncology</b>	<b>2021</b>
Board advises corporation on advances in the field of IR, recommends strategic development.	
<b>Proctor Boston Scientific Salesforce Interventional Oncology Training Program</b>	<b>2019</b>
Organized lectures, on-site procedure schedules and dinner program for sales representatives and clinical staff from Boston Scientific on Thermal Ablation, Embolization, Y90.	
<b>Boston Scientific Strategic Advisory Board – Embolization</b>	<b>2019</b>
Board advises corporation on advances in the field of IR, recommends strategic development.	
<b>Prostate Artery Embolization Course Director</b>	<b>2019</b>
Two-day physician course with didactics and live cases at TGH/USF sponsored by Boston Scientific.	
<b>Moderator AngioVac National Training Program</b>	<b>2019</b>
Moderator at two-day course in Tampa on AngioVac device use sponsored by AngioDynamics	
<b>Proctor/Moderator Prostate Artery Embolization Course</b>	<b>2018</b>
Two-day course held at Boston Scientific Headquarters with physician learners sponsored by BSC.	
<b>Moderator Prostate Artery Embolization Course</b>	<b>2018</b>
Moderated two-day course on prostate artery embolization with physician learners sponsored by MERIT	
<b>Speaker/Proctor – Prostate Artery Embolization Course</b>	<b>2017-2018</b>
Traveled to other IR programs to assist in development of PAE program sponsored by MERIT Programs included Mayo Clinic Jacksonville, Radiology Associates of Hollywood.	
<b>Proctor/Moderator AngioVac National Training Program</b>	<b>2017</b>
Proctored two-day course/animal lab at CAMLS on use of AngioVac device sponsored by AngioDynamics.	
<b>Guest Speaker – BTG – Annual Training Meeting</b>	<b>2016</b>
BTG annual meeting to train sales and clinical staff related to Interventional Oncology Topic: <i>Treatments Options for HCC: Transplant, Staging and LRT</i>	
<b>Proctor/Moderator AngioVac National Training Program</b>	<b>2016</b>
Proctored two-day course/animal lab at CAMLS on use of AngioVac device sponsored by AngioDynamics.	
<b>Boston Scientific Strategic Advisory Board – Venous Intervention</b>	<b>2015</b>
Board advises corporation on advances in the field of IR, recommends strategic development.	

## OTHER TEACHING ENGAGEMENTS

<b>CME Presentations on Prostate Artery Embolization</b>	<b>2016-2020</b>
TGH sponsored CME to Urology, Geriatric and PCP groups on advances in Prostate Embolization Performed didactic CME 3 times annually in Tampa metropolitan area.	
<b>CE Presentations to TGH Staff – Tampa General Hospital</b>	<b>2009-2020</b>
Annual Interventional Radiology Technician/Nursing CE. Topics Include: <i>Chemoembolization</i> <i>Radioembolization</i> <i>Vertebral Augmentation</i> <i>Thermal Ablation</i> <i>Prostate Artery Embolization</i>	
<b>TGH Sponsored Community Outreach Speaker</b>	<b>2015-2020</b>
Locations: Sun City Center, Villages Community Center, South Tampa TGMG Primary Care office. Topics: <i>Prostate Artery Embolization</i> <i>Uterine Fibroid Embolization</i>	



*Vertebral Augmentation  
Prostate MRI*

## RESEARCH

<b>Principal Investigator at TGH/USF– Industry Sponsored Multicenter International FDA IDE Trial: #HOPE4LIVER Histosonics System for Treatment of Primary and Metastatic Liver Tumors Utilizing Histotripsy.</b> TGH/USF IR was first site initiated in the trial and first site in the U.S. to perform Histotripsy on a human and was the 9 <sup>th</sup> and 10 <sup>th</sup> procedure in the world.	<b>2020-2023</b>
<b>Investigator – Industry Sponsored Multicenter International RCT: MERCK LEAP-012. Lenvatinib and Pembrolizumab with TACE versus Placebo plus TACE in treatment of incurable non-metastatic HCC.</b>	<b>2020-2022</b>
<b>Principal Investigator – Investigator Initiated FDA IDE Trial: Prostate Artery Embolization for Treatment of BPH with Prostate Size Greater than 90 cc.</b> Developed trial protocol, obtained IRB and FDA IDE approval for Embosphere particle use in PAE. Obtained CMS Local Coverage Determination (LCD) for the trial. Trial closed with 50% enrollment due to inability to enroll non-CMS patients.	<b>2014-2021</b>
<b>Co-PI: RESIN Registry</b> - Industry sponsored registry evaluating Y90 treatment and outcomes.	<b>2017-2021</b>
<b>Principal Investigator – Industry Sponsored RCT FDA IDE device trial: BEST trial. Prostate Artery Embolization for BPH with MERIT Embospheres versus Transurethral Resection of the Prostate (TURP).</b> Study terminated prior to full enrollment due to lack of patient interest in randomization and post-procedural testing.	<b>2014-2020</b>
<b>Principal Investigator – Industry Sponsored Prospective Multicenter trial: ACCESS PTS. EKOS Sonothrombolysis for treatment of post thrombotic syndrome.</b>	<b>2013-2017</b>
<b>Principal Investigator at Tampa General Hospital: Biosphere Medical Hi-Q HCC-P3-11-01: PHASE 3 Prospective, Randomized, Blinded and Controlled Investigation of Hepaspher/Quadrasphere</b>	<b>2012-2016</b>
<b>Principal Investigator: Investigator Initiated Single Center RCT at TGH. Ultrasound Accelerated Thrombolysis of Submassive Pulmonary Embolism.</b>	<b>2011-2013</b>
<b>Previous or current investigator in the following studies at Tampa General Hospital: FALCON 1-BMS, Abbvie M16-127, Gilead GS-US-321-0105, Gilead GS-US-321-0106, Conatus IDN-6556-12, Conatus IDN-6556-14, Cumberland CPI-IFE-005, Galectin GT-026, Tobira 652-2-203, Tobira 3152-301-002.</b>	

## PIONEERING PROCEDURES

**Introduced the Following Novel Therapies at Tampa General Hospital:**

- Drug-Eluting Bead Chemoembolization (LC BEAD) at TGH in 2008
- Transarterial Radioembolization utilizing RESIN Y90 Microspheres (SirSpheres) at TGH in 2009
- Irreversible Electroporation (Nanoknife) procedure on hepatic tumors at TGH in 2010.
- Drug-Eluting Bead Chemoembolization (Quadraspheres) at TGH in 2011
- Percutaneous Microwave (NeuWave) thermal ablation of hepatic tumors at TGH in 2013
- Prostate Artery Embolization (Embosphere) at TGH in 2014.
- Transarterial Radioembolization utilizing glass Y90 microspheres (TheraSphere) at TGH in 2015
- Histotripsy ablation (Edison Histosonics) of hepatic tumors at TGH in 2021 – First two procedures in the United States

## PEER-REVIEWED JOURNAL REVIEWER

Cardiovascular and Interventional Radiology (CVIR)

## PROFESSIONAL MEMBERSHIPS

Radiological Society of North America (RSNA)  
Society of Interventional Radiology (SIR)  
CardioVascular and Interventional Radiology (CVIR)  
Hillsborough County Medical Assoc (HCMA)  
Florida Medical Association (FMA)