

State of the UAB Department of Surgery



Herbert Chen, M.D., F.A.C.S.
January 10, 2017

UAB: Departmental Leaders

DIVISION DIRECTORS



**Jeff
Kerby**
Acute Care



**Jamey
Davies**
CT (I)



**Greg
Kennedy**
GI



**Steve
Theiss**
Ortho



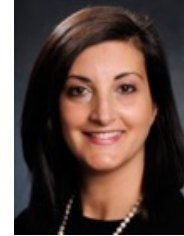
**Mike
Chen**
Pediatrics



**Jorge
de la Torre**
Plastics



**Devin
Eckhoff**
Transplant



**Helen
Krontiras**
Oncology



**Adam
Beck**
Vascular

VICE CHAIRS



**Marty
Heslin**
Executive



**James
Bibb**
Research



**Marc
Passman**
Clinical
Research



**Marshall
Urist**
Education



**William
Holman**
VA Chief



**Melanie
Morris**
VA GS Chief

Acute Care Surgery: Jeff Kerby

- Change from Division of Trauma, Burns, and Surgical Critical Care to **Division of Acute Care Surgery** approved by Board of Trustees
- New Faculty
 - ♦ **Marty Vander Noot**, Associate Professor – Chief, Comprehensive Wound Care Service
 - ♦ **Jill Richter**, Assistant Professor – Basic Science Research, Trauma
- Expanded Clinical Services
 - ♦ Comprehensive Wound Service
 - ♦ Emergency General Surgery
 - ♦ Alabama Organ Center
- Military Collaboration
 - ♦ Expanded US Air Force Special Operations Surgical and Critical Care Evacuation Team footprint from two to three teams (total of 20 active duty Air Force personnel)
 - ♦ Expanded combat medic maintenance of trauma skills program to include both Air Force Pararescue and Army 18-Delta training
- New Courses Established
 - ♦ ASSET – Advanced Surgical Skills for Exposure in Trauma (Senior Residents/Fellows/Faculty)
 - ♦ TEAM – Trauma Evaluation and Management (Medical Students)
 - ♦ Surgery Boot Camp – Intern Prep Course (**Hendershot**)



Cardiothoracic Surgery: Jamey Davies (I)

- New Faculty
 - ◆ **Dave Mauchley** and **Sara Pereira**
- **James Kirklin** stepped down as division director after 10 years. He has transitioned to KIRSO.
 - ◆ Search for future division director ongoing
- Residency
 - ◆ Approved for a second thoracic surgery resident position per year
 - ◆ Applied for an alternate “4/3 Residency Training” track
- Clinical trials – 11 active
- Quality
 - ◆ Adult cardiac surgery – STS 3 star all categories
 - ◆ Thoracic and congenital surgery – lowest mortality in years



Gastrointestinal Surgery: Greg Kennedy

▪ New Faculty

- ◆ Division Director: **Greg Kennedy**
- ◆ **Courtney Balentine**
- ◆ **Britney Corey**
- ◆ Vice Chair of Research: **James Bibb**

▪ Research

- ◆ Grants submitted: 10
- ◆ Extramural grants awarded: 4
- ◆ Intramural grants awarded: 2
- ◆ 2016 papers published: >30
- ◆ 2016 presentations: >30

▪ Education

- ◆ Formal AI program started under Dr. Corey's guidance
- ◆ MIS Fellowship remains highly sought after— more than 150 applications/year

▪ Clinical

- ◆ Hernia Center (**Britney Corey**)
- ◆ Per-Oral Esophageal Myotomy Program to start (**Jayleen Grams**)
- ◆ NP run anorectal, high resolution anoscopy (to serve large HIV population), and general surgery clinics

▪ Awards

◆ **Daniel Chu**

- ◆ Marshall Urist Junior Faculty Teacher of the Year
- ◆ 2016 UAB Health System Innovation Award (work with ERAS)
- ◆ 2016 Argus Award Nominee

◆ **Melanie Morris**

- ◆ Mentee won ASC Travel Award



Orthopaedic Surgery: Steve Theiss

■ Education

- ◆ Extramural funding renewed for clinical Spine fellowship
- ◆ Ongoing development of a surgical simulation curriculum, including acquisition of an arthroscopy high fidelity virtual reality simulator
- ◆ New MSK Special Topics course initiated in SOM in collaboration with PM&R and Rheumatology

■ Research

- ◆ Extramural funding obtained for project on exercise in pregnancy (**Dr. Sara Gould**)
- ◆ Newly funded clinical trials in Orthopaedic Trauma
- ◆ Ongoing funded clinical trials in Spine and Shoulder
- ◆ Collaborative project with industry on development of robotic hip replacement.

■ Miscellaneous

- ◆ **Completed external review with plans currently underway to transition to a Department in 2018**

■ Clinical

- ◆ Added new faculty in Total Joint Arthroplasty (**Sameer Naranje**), Spine (**Jason Pittman and Sakthi Rajaram**), and Trauma (**Jon Quade**)
- ◆ New collaborative clinical programs established
 - ◆ Obstetrical Palsy Clinic in collaboration with Neurosurgery at Children's
 - ◆ Multidisciplinary Osteogenesis Imperfecta Clinic with Endocrinology and PM&R at Children's
 - ◆ Infusion clinic for treatment of Concussions
 - ◆ Established ERAS pathway for Spine
- ◆ Instituted remote kiosk check-in in adult Ortho Clinic improving efficiency



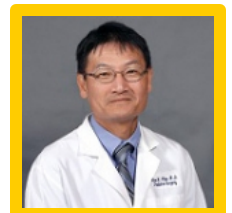
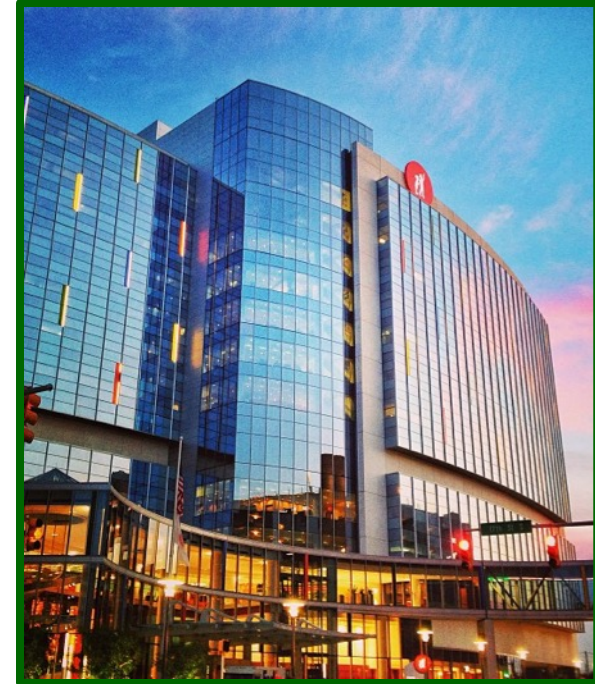
Pediatric Surgery: Mike Chen

▪ Divisional Highlights

- ◆ Established outreach clinic in Dothan and Montgomery
- ◆ Presented at the Southern Surgical Association
- ◆ ECMO Program achieved ELSO Center of Excellence, Platinum Level

▪ Faculty Highlights

- ◆ **Colin Martin** selected to Executive Council Counselor, 2017-2019
- ◆ **Robert Russell** selected as ACS Pediatric Surgery Advisory Council, Young Surgeon Representative
- ◆ **Elizabeth Beierle** named Charles McCrary Endowed Chair in Pediatric Surgery and selected in Top 30 Women Who Shape the State
- ◆ **David Rogers** involved in multiple education and leadership courses with the ACS
- ◆ **Mike Chen** assumed Surgeon-in-Chief role at COA
 - ◆ Chen among authors in NEJM publication
 - “Weight loss and health status 3 years after bariatric surgery in adolescents”



Plastic Surgery: Jorge de la Torre

▪ Education

- ◆ Microsurgery fellowship

▪ Research

- ◆ 17 publications
- ◆ NIGMS KO8: The Role of Notch2 and Notch3 in Cutaneous Wound Healing
- ◆ External grant: “Role of Matrix Metalloproteinases in Reepithelialization”
- ◆ Submitted : NEPS, PSF/MTF, ADDA pilot, SESPRS (2) , and UAB CCTS pilot grants

▪ Clinical

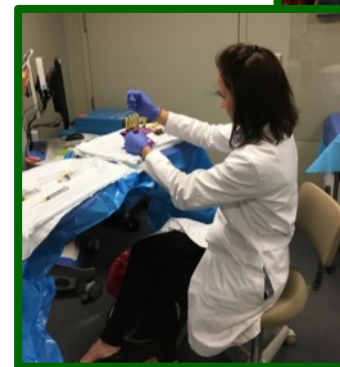
- ◆ Patients treated: 8637 adults and 2,197 children
- ◆ Operations: 1508 adults and 458 children

▪ Endowment

- ◆ Marzoni Lectureship - grew 100%
- ◆ Vasconez Professorship – established

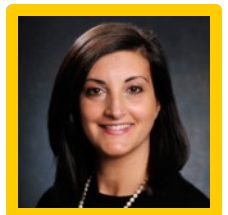
▪ Recruitment

- ◆ **Timothy King:** Section Chief of Plastic Surgery B.V.A.M.C.
- ◆ **Brad Denney:** UAB Medical West outreach clinic



Surgical Oncology: Helen Krontiras

- New Faculty
 - ♦ **Rachael Lancaster**
- Education
 - ♦ Breast Surgery Fellowship
 - ♦ Program Director: **Helen Krontiras**
 - ♦ Associate Program Director: **Catherine Parker**
 - ♦ Successful first match
 - ♦ New fellow to begin August 2017
- Research
 - ♦ Reed Foundation for GI oncology research
 - ♦ \$140,000 for 2016
 - ♦ 12 actively enrolled clinical trials
 - ♦ 24 peer reviewed publications, 18 national/international presentations, 26 book chapters
- Clinical
 - ♦ 2016 Women's Choice Award: UAB Breast Health Center
 - ♦ UAB Strive Award for Excellence in Patient Satisfaction: Surgical Oncology and Breast Health Clinics
 - ♦ Minimally invasive inguinal/pelvic lymphadenectomy for melanoma (first in state)
 - ♦ 5 NCCN panel members for 5 disease panels
 - ♦ VA Endocrine Surgery Clinic started



Transplantation Surgery: Devin Eckhoff

- New Faculty

- ♦ **Joseph Tector:** Director of Xenotransplant Institute and Small Bowel Multi-Visceral Transplant Program
- ♦ **David Cooper:** Co-Director Xenotransplant Institute
- ♦ **Mathew Tector:** Director of Xenotransplant Research Laboratory
- ♦ **Hayato Iwase and Hidetaka Hara:** Xenotransplant Researchers

- Research

- ♦ Xenotransplant Institute
 - ◆ Xenotransplantation from Bench to Bedside
- ♦ Outcomes Research Center
 - ◆ Increased donation and improved patient outcomes

- Clinical

- ♦ First HIV+ to HIV+ kidney transplant (7th in the US)
- ♦ ~25% increase in liver transplant volume for the year
- ♦ Liver transplant service established Mobile outreach clinic
- ♦ Small bowel and multi-visceral transplant service lines being established



Vascular Surgery and Endovascular Therapy: Adam Beck

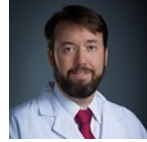
- New Faculty
 - ♦ Division Director: **Adam Beck**
 - ♦ **Emily Spangler**
- Training Program (Residency and Fellowship)
 - ♦ Program Director: **Benjamin Pearce**
 - ♦ Associate Program Director: **Mark Patterson**
- Research
 - ♦ Vice Chair of Clinical Research: **Marc Passman**
 - ♦ Investigational device exemption study for branched/fenestrated endografts
 - ♦ 1 of only 8 centers in the U.S.
 - ♦ 8 actively enrolled clinical trials
 - ♦ Ongoing Vascular Biology Director search
 - ♦ 30 peer-reviewed publications, 15 national/international presentations, 5 book chapters
- Clinical
 - ♦ Aorta Center Development
 - ♦ Society for Vascular Surgery Vascular Quality Initiative (SVS VQI) implemented



2016 Faculty Recruitment = 29 New Faculty!



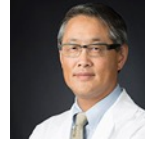
**Courtney
Balentine**
GI



**Adam
Beck**
Vascular



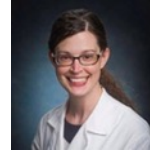
**James
Bibb**
GI



**Herbert
Chen**
Oncology



**David
Cooper**
Transplant



**Britney
Corey**
GI



**Brad
Denney**
Plastics



**Hidetaka
Hara**
Transplant



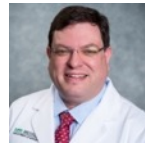
**Hayato
Iwase**
Transplant



**Renata
Jaskula-
Sztul**
Oncology



**Greg
Kennedy**
GI



**Timothy
King**
Plastics



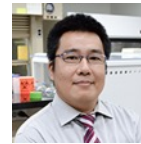
**Rachael
Lancaster**
Oncology



**Sakthi
Rajaram**
Ortho



**David
Mauchley**
CT



**Manabu
Nukaya**
GI



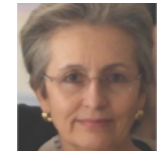
**Sara
Pereira**
Cardio



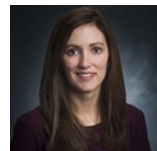
**Jason
Pittman**
Ortho



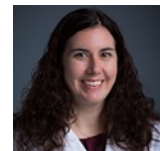
**Jonathan
Quade**
Ortho



**Luz
Reyes**
Transplant



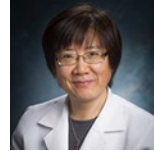
**Jill
Richter**
Acute
Care



**Emily
Spangler**
Vascular



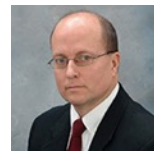
**Lauren
Tanner**
Acute
Care



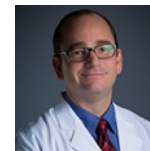
**Zhuo
Tao**
Transplant



**Joseph
Tector**
Transplant



**Matthew
Tector**
Transplant



**Marty
Vander
Noot**
Acute
Care



**Zheng-Yu
Wang**
Transplant



**Sameer
Naranje**
Ortho

UAB Department of Surgery Goals (1/13/16)

1. Increase surgery research portfolio
2. Enhance career development, social networking, and education opportunities
3. Drive clinical program specialization and expansion

Faculty with Active Federal Research Funding



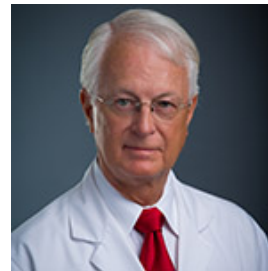
Jayme Locke
NIH



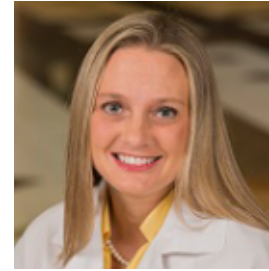
Joseph Tector
NIH



Jeffrey Kerby
NIH, Air Force



James Kirklin
NIH



Shannon Carroll
National Highway
Traffic Safety
Administration



Timothy King
NIH



Selwyn Vickers
NIH



Clinton Grubbs
NIH



Greg Kennedy
NIH



James Mobley
NIH

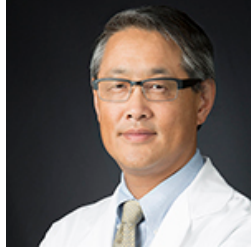


Melanie Morris
VA

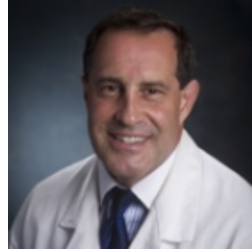


Irshad Chaudry
DOD

Faculty with Active Extramural Grants



Herbert Chen
AACR, American
Cancer Society,
Howard Hughes
Medical Institute



Robert Cerfolio
Myriad



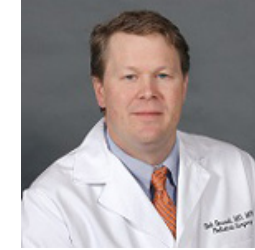
Steven Theiss
Hensler Surgical
Products



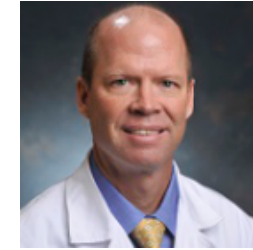
Benjamin Pearce
Society for
Vascular Surgery



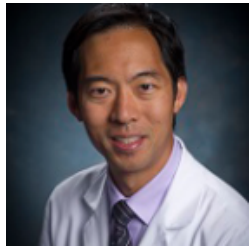
Martin Heslin
Genentech



Robert Russell
KPRI



Richard Stahl
Foundation for
Surgical
Fellowships



Daniel Chu
CSAF, SSAT



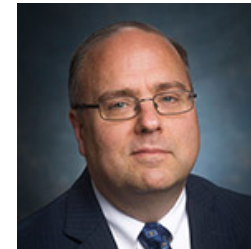
James George
AHA



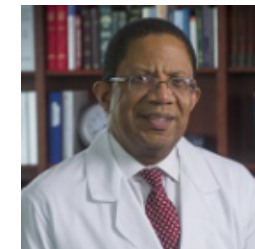
Elizabeth Beierle
Hyundai Hope on
Wheels



Devin Eckhoff
United
Therapeutics Corp.



Joseph Tector
American College
of Surgeons, ASTS



Selwyn Vickers
Alabama
Department of
Commerce

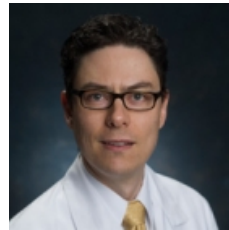
Faculty with Active Funded Clinical Trials



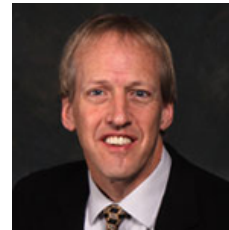
Robert Dabal
St. Jude Medical



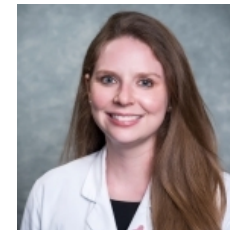
William Holman
Heartware



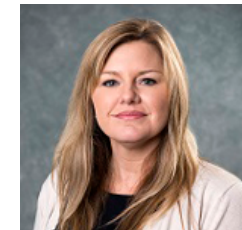
Carlo Contreras
Creatics, LLC



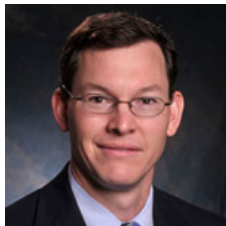
Steven Theiss
Pfizer, Hensler
Surgical Products



Catherine Parker
Johns Hopkins
University



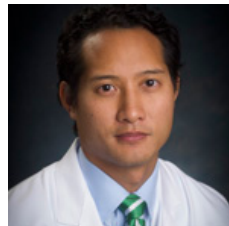
Candice Dubose
University of
Washington



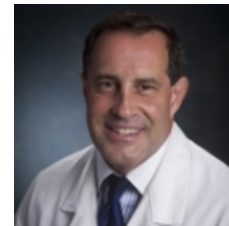
Brent Ponce
Tornier



Robert Russell
NIH



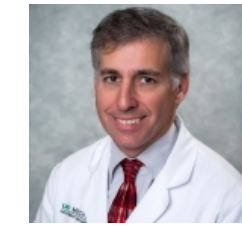
Benjamin Wei
Spiration



Robert Cerfolio
Covance,
Precision
Therapeutics,
Covidien



Benjamin Pearce
Medtronic, WL Gore
& Associates, Intact
Vascular, Bolton
Medical, Endologix



Marc Passman
Cordis, Bayer, Cook,
Trivascular, Terumo
Medical Corp.,
Volcano Corp., New
England Research
Institute

FY 2016 Grant Submissions from 32 faculty

- **Courtney Balentine:** ASA, NIH
- **Adam Beck:** Patient-Centered Outcomes Research Institute, Cook, Inc.
- **Elizabeth Beierle:** DOD, KPRI, NINDS, NIH, SUS, Sarcoma Foundation of America, St. Baldrick's Foundation
- **James Bibb:** NIH
- **Shannon Carroll:** DOT
- **Irshad Chaudry:** NIH, DOD
- **Herbert Chen:** NSF, NIH, HHMI, Harrington Discovery Institute
- **Daniel Chu:** SSAT, CSAF, SUS
- **Sherry Collawn:** NIH
- **Jorge de la Torre:** SESPRS
- **Candice Dubose:** Carbo-Fix Orthopedics
- **Devin Eckhoff:** NAMSA
- **James George:** AHA, NIH
- **Jayleen Grams:** NIH, HSF
- **Clinton Grubbs:** NCI
- **Martin Heslin:** DOD
- **Renata Jaskula-Sztul:** NANETS, V Foundation for Cancer Research, Damon Runyon Cancer Research Foundation, Hirshberg Foundation
- **Michael Johnson:** AOFAS
- **Greg Kennedy:** NIH
- **Jeffrey Kerby:** Air Force, NIH, NTI
- **James Kirklin:** NIH, NHLBI
- **Helen Krontiras:** NIH
- **Jayme Locke:** NIH
- **Colin Martin:** APSAF, ACS, ASA, KPRI
- **Melanie Morris:** ACS
- **Benjamin Pearce:** Bolton Medical, SVS
- **Sakthi Rajaram Manoharan:** DNS
- **Sushanth Reddy:** NIH, ASA
- **Robert Russell:** Thrasher Research Fund, KPRI, Pediatric Critical Care and Trauma Scientist Development Program
- **Richard Stahl:** FSF
- **Joseph Tector:** NIAID, ASTS, ACS
- **Steven Theiss:** DePuySynthes Spine

Academic Surgical Congress 2017



11th Annual Academic Surgical Congress
@ Black Sheep | Jacksonville, FL
February 2, 2016

#11 UAB



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UAB has 68 abstracts!!!!

#1 or #2 UAB



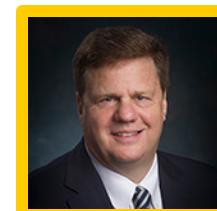
James Bibb
Professor
Vice Chair of Research



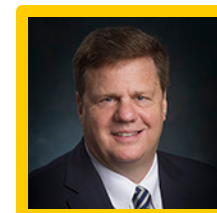
Marc Passman
Professor
Vice Chair of Clinical
Research

- Organize the basic and preclinical research environment
 - ♦ Organize and occupy research space with state-of-the-art multidisciplinary research capability
 - ♦ Facilitate the research excellence environment

- Weekly WIPS
- PI Meetings
- Establish seminar series
- Foster outreach with other departments
- Establish stronger links with graduate school
- Establish electronic home
- Funding announcement program
- Grant proposal planning and pre-review program
- Performance review program
- Incentive and rewards program

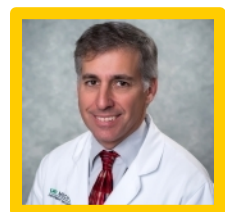
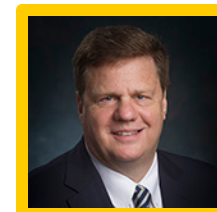
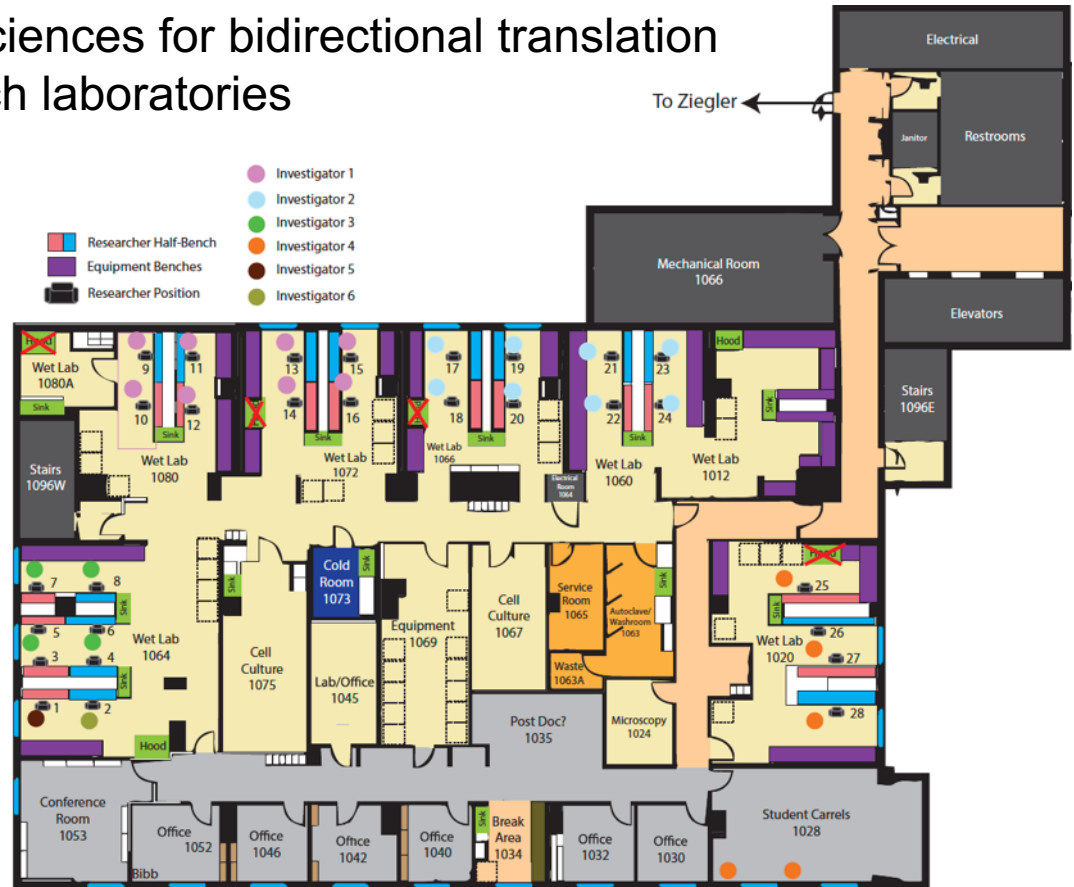


- Grow basic and preclinical research
 - ♦ Recruit tenure track basic research junior faculty
 - ♦ Inflammation, wound healing, innate immunity, immunotherapy
 - ♦ Cancer cell biology and tumor pathophysiology
 - ♦ Tissue regeneration and engineering
 - ♦ Trauma recovery and treatment
 - ♦ Cardiovascular research and macro-/microvascular function
 - ♦ Orthopaedic biophysics and disease
 - ♦ Transplantation science
 - ♦ Develop junior faculty and research projects within the department
 - ♦ Annual or biannual intramural pilot research grant competition
 - ♦ Establishing new research programs with physician scientists
 - ♦ Providing additional support and structure (e.g., basic scientist pairing)



Translational & Preclinical Research Program

- Integration of clinical and basic sciences for bidirectional translation between patient care and research laboratories
- 15,000-square-foot, newly renovated lab space
- State-of-the-art technologies and capabilities
- Consolidation and expansion of research laboratories and approaches
 - ◆ Advanced animal models
- Preclinical testing of treatments and direct clinical applications



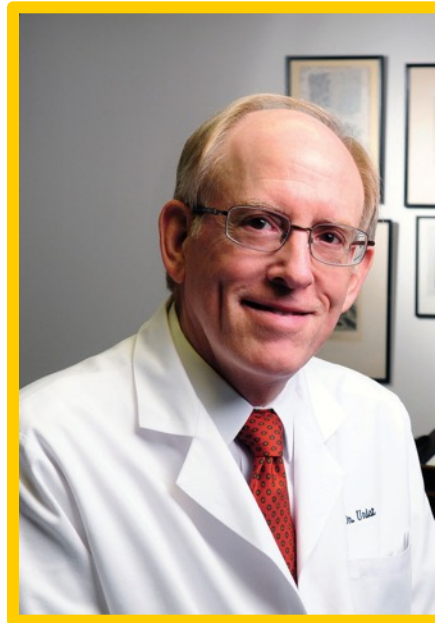
UAB Department of Surgery Goals

1. Increase surgery research portfolio
2. Enhance career development, social networking, and education opportunities
3. Drive clinical program specialization and expansion

Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program

Faculty Mentorship Program



Marshall Urist
Professor
Vice Chair of Education

Faculty Mentorship Program

- First round
 - ◆ 18 assistant professors participated
 - ◆ 16 meetings with senior faculty mentors were held
 - ◆ 15 letters from mentors were submitted

UAB MEDICINE
PEDIATRIC SURGERY



16 August 2016

RE: Sushanth Reddy, MD

Dear Dr. Chen,

I had the opportunity to meet with Dr. Reddy today as part of the Department of Surgery faculty mentorship program.

Sushanth joined the Division of Surgical Oncology in 2012. At that time, he primarily focused on clinical surgery and clinical research. The growth of manpower within the division over the subsequent few years, allowed him to begin to pursue his laboratory basic science research interests in 2014. Sushanth has developed a sound mentoring relationship with Dr. Don Buchsbaum, and he currently has laboratory bench space in the Buchsbaum lab. Dr. Reddy has been supplied with a technician for his laboratory efforts, funded through the Reed Foundation. He spends about 2.5 days per week physically in the laboratory. To address future funding, he has been applying for a number of early career development awards offered through various foundations and submitted a K08 application in June 2016.

Sushanth has been able to publish 2-3 articles per year since arriving at UAB. He is hoping to submit his first manuscript addressing his current laboratory findings within the next 6 months. We discussed potential journals for submission and how his choice of journals may impact his future funding.

Dr. Reddy feels as though he is progressing well in the arena of education. He directs the board review course for the chief surgical residents and the surgical oncology resident research conference.

We discussed the importance of continuing to find collaborators on the UAB campus for his research endeavors. Although he is a few years away from promotion, we had a discussion about his plans for promotion and whether or not he would like to consider the tenure versus non-tenure tract; the pros and cons of each. We have plans to meet again in the next six months or so.

Sincerely yours,

Elizabeth A. Beierle

Elizabeth A. Beierle, MD
Professor of Surgery and Pediatrics
University of Alabama, Birmingham



- Second round
 - ◆ Added 11 more assistant professors
 - ◆ Associate professors will meet to discuss mentorship in the coming quarter

UAB SCHOOL OF
MEDICINE
Department of Surgery

April 20, 2016

Herbert Chen, M.D.
Professor and Chairman
Department of Surgery
BDB 502

Marshall M. Urist, M.D.
Professor and Vice Chairman, Education
Department of Surgery
FOT 1153

RE: Shannon Carroll, MD – Faculty Mentorship Program

Dear Drs. Chen and Urist:


Thank you for the opportunity to participate in the UAB Department of Surgery Faculty Mentorship Program. I am honored to serve as mentor in the program. I have been assigned Dr. Shannon Carroll as my mentee. Shannon and I formally met yesterday.

Shannon joined our department faculty in 2013. She is an assistant professor within the Division of Trauma and Acute Care Surgery. Shannon is interested in pursuing a career in academic trauma surgery and envisions her niche at UAB to be within quality as it relates to developing robust trauma systems around our state and region. During her first years on faculty, she has primarily focused on establishing her clinical practice, and has more recently become involved in Dr. Kirby's research work on trauma systems. She is excited about this, and is hopeful to develop this interest into an academic career.

We discussed important milestones on her path to a successful academic career, including joining the American College of Surgeons as a candidate member and applying for full fellowship this year, as well as joining key societies such as the Association of Academic Surgeons. We also discussed the need to create a *curriculum vitae* (UAB format) and to begin collecting files of important documents that will be necessary for her promotion portfolio (e.g. teaching evaluations, lecture dates / times / attendance / location). I have also suggested that she look for intramural funding opportunities and training programs (e.g. Minority Health & Health Disparities Research Center Training Program; Charles Barkley Research Award; junior awards through the UAB CCTS and COERE).

We plan to stay in touch informally through email and texts, and to continue to meet formally every 6 months. Thank you again for this opportunity. I look forward to working with Shannon and helping to promote her academic career.

Sincerely,



Jayme E. Locke MD, MPH, FACS



Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions

Surgeons in National Leadership Positions

- **Jayme Locke** is a James IV Association of Surgeons Traveler for 2017-18



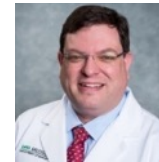
- **Selwyn Vickers** serves as President of the Society for Surgery of the Alimentary Tract and the Southern Surgical Association



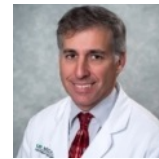
- **Greg Kennedy** serves as Secretary of the Society of University Surgeons



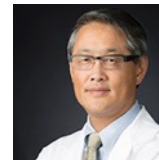
- **Timothy King** serves as Chair-Elect of the Plastic Surgery Research Council and Vice-President of the American Association of Pediatric Plastic Surgeons



- **Marc Passman** serves as President-elect of the American Venous Forum



- **Herb Chen** serves as President of the Society for Clinical Surgery



Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions
 - ◆ Endowed chairs and professorships

FY 2016 Endowed Chairs



James George
UAB Cardiovascular
Research Chair



Greg Kennedy
John H. Blue Chair of
General Surgery



Elizabeth Beierle
Charles D. McCrary
Endowed Chair in
Pediatric Surgery

Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions
 - ◆ Endowed chairs and professorships
- Social networking and communications

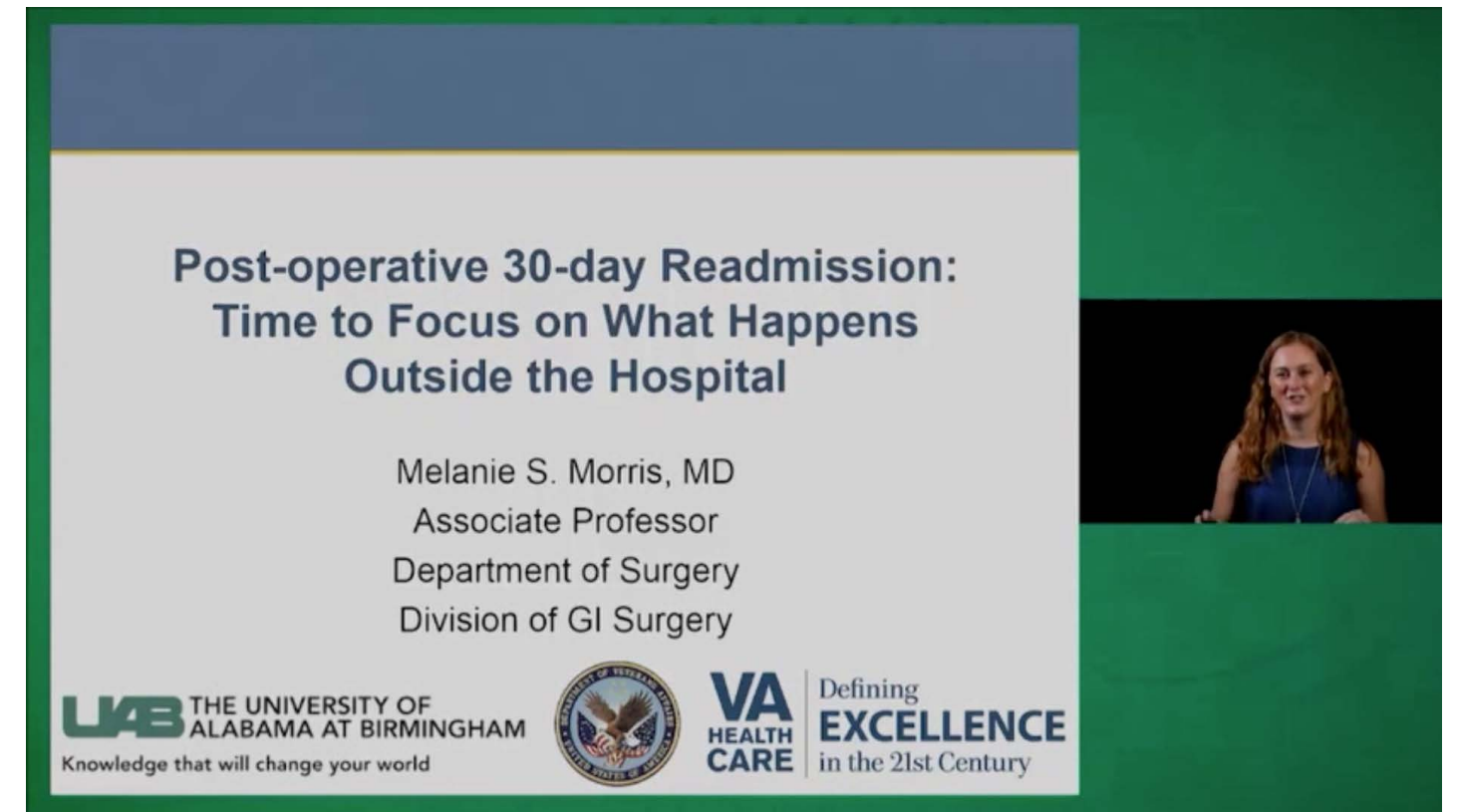
UAB Surgery Communications Office

- Centralized email for website updates
 - ◆ surgcomm@uabmc.edu
- New template for DOS News Update



UAB Surgery Communications Office

- Videos
 - ◆ General Surgery Residency Program video
 - ◆ 500 plays in 3 months
 - ◆ Melanie Morris video
 - ◆ Postoperative 30-day readmission

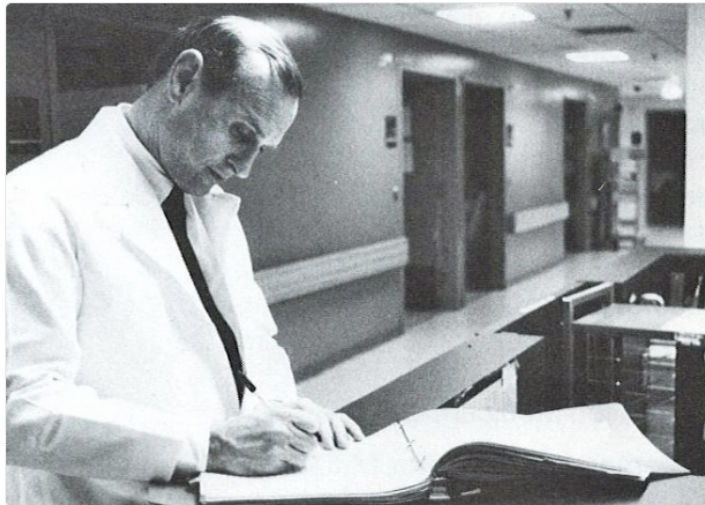


UAB Surgery Communications Office

- Increasing social media presence for UAB Surgery
 - Twitter: [@UABSurgery](https://twitter.com/UABSurgery)



[#ThrowbackThursday](#) to Dr. Arnold Diethelm working at UAB in 1991. In 1968, Diethelm performed Alabama's first successful transplant at UAB.

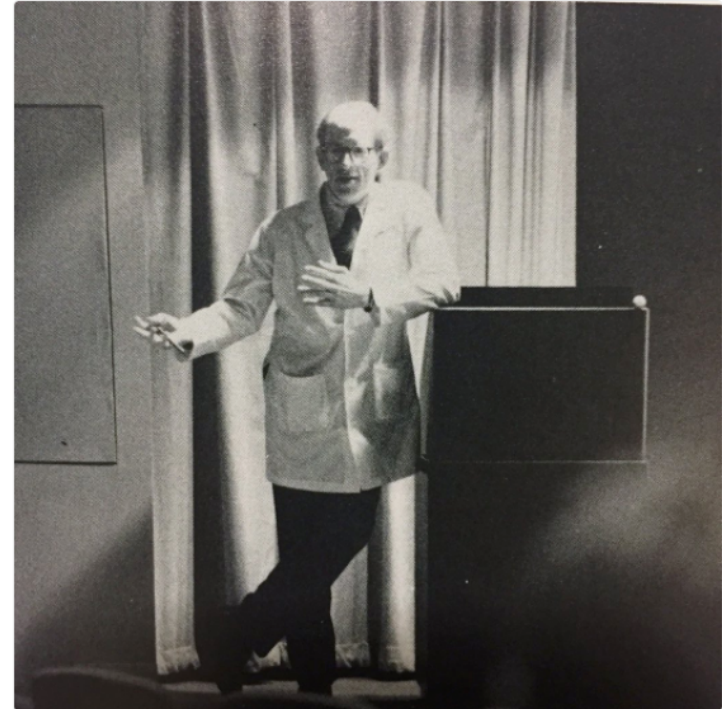


RETWEETS 10 LIKES 15

10:00 AM - 15 Dec 2016



[#ThrowbackThursday](#) to Dr. Marshall Urist directing the UAB General Surgery Residency program back in 1991. [@PorterfieldJohn](#)



RETWEETS 3 LIKES 11

12:00 PM - 1 Dec 2016

Social Networking



- Faculty interactions across divisions
 - ◆ Surgical Grand Rounds
 - ◆ Kirby I. Bland Black Tie Dinner
 - ◆ Dinners at national meetings
- Network with alumni
 - ◆ Alumni Golf Tournament and Baseball Game
 - ◆ June 2016

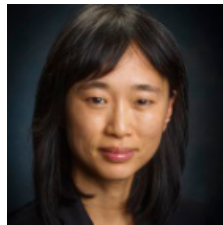
Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions
 - ◆ Endowed chairs and professorships
- Social networking and communications
- Hosting national meetings

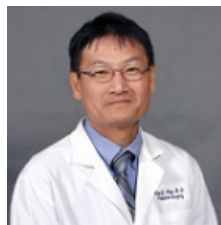
SAAS, SBAS & PSRC Meetings



Sept. 21-22, 2017



Jayleen Grams



Mike Chen



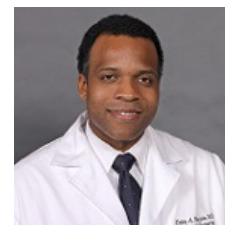
April 26-28, 2018



Stephen Gray



Carlton Young



Colin Martin



May 17-19, 2018



Timothy King



- Hosting 2017 AWS Kim Ephgrave Visiting Professor
 - ◆ May 15-16, 2017
 - ◆ **Sharon L. Stein, M.D.**, Case Western Reserve University

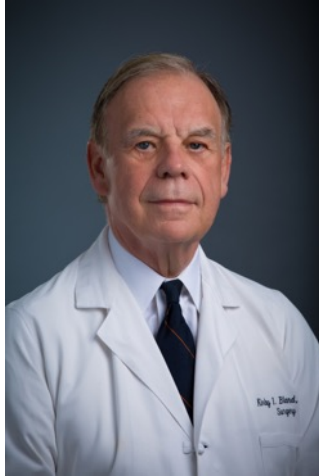


- 2017 Women in Surgery Lecture
 - ◆ April 10-11, 2017
 - ◆ **Taylor S. Riall, M.D., Ph.D.**, Chief, Division of General Surgery and Surgical Oncology at The University of Arizona

Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions
 - ◆ Endowed chairs and professorships
- Social networking and communications
- Hosting national meetings
- Philanthropy

Philanthropic Endowment Initiatives



Kirby I. Bland, M.D.,
Endowed Chair



**Charles W. Breaux,
M.D., and Ann K. Breaux**
Endowed Professorship



William D. Jordan, Jr. M.D.,
Endowed Professorship
(Vascular Sciences)

William D. Jordan, Jr. M.D.
Endowed Professorship
(Vascular Surgery)



Marshall Urist, M.D.,
Endowed Professorship



Luis O. Vasconez, M.D.,
Endowed Professorship



Philanthropic Giving & Support Initiatives

■ Philanthropic giving initiatives:

- ◆ **Alan R. Dimick, M.D.**, Burn Care Excellence Fund
- ◆ **Norman E. McSwain, M.D.**, Fellowship in Trauma Surgery
- ◆ **Frank G. Moody, M.D.**, Lectureship
- ◆ Orthopaedic Surgery Residents Fund (**Stephenson Memorial**)

■ Philanthropic support initiatives:

- ◆ Hadhrammount Foundation Residency Support
- ◆ **Marshall Urist, M.D.**, General Surgery Resident Society



Grateful Patient Potential Donor Process Initiative

- Divisional meetings to educate
- Identification of the potential donor
- Review of the Grateful Patient Process
- Letters from surgeons mailed
 - ◆ Development with follow-up calls or meetings
 - ◆ Surgeons choose to be in or out of contact loop
- First month generated 10 referral names from surgeons

Career development, Social Networking, and Education

- Career development
 - ◆ Mentoring program
 - ◆ National leadership positions
 - ◆ Endowed chairs and professorships
- Social networking and communications
- Hosting national meetings
- Philanthropy
- Education

Residency Programs



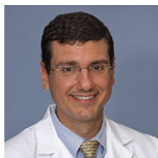
- Integrated Vascular Residency/Fellowship
 - ◆ Director: **Benjamin Pearce**
 - ◆ Brought in **Adam Beck** and his IDE



- Cardiothoracic Surgery
 - ◆ Director: **David Cleveland**
 - ◆ Gained approval to add second resident



- Plastic Surgery
 - ◆ Director: **Jorge de la Torre**
 - ◆ Graduates had 100% success with American Board of Plastic Surgery qualifying and certifying exams for 10th consecutive year



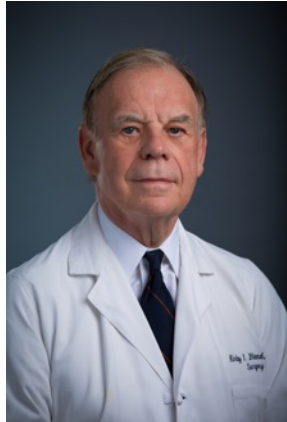
- Orthopaedic Surgery
 - ◆ Director: **Joseph Houry**
 - ◆ All six 2016 graduates passed first part of ABOS examination in July 2016



- General Surgery
 - ◆ Director: **John Porterfield**
 - ◆ 100% first-time board pass rate

- Abdominal Transplant Surgery
 - ◆ Director: **Stephen Gray**
- Breast Oncology
 - ◆ Director: **Helen Krontiras**
- Orthopaedic Surgery
 - ◆ Foot & Ankle
 - ◆ Director: **Ashish Shah**
 - ◆ Hand & Upper Extremity
 - ◆ Director: **Joe Sherrill**
 - ◆ Research
 - ◆ Director: **Brent Ponce**
 - ◆ Spine
 - ◆ Director: **Steven Theiss**
 - ◆ Trauma
 - ◆ Director: **Candice Dubose**
- Plastic Surgery
 - ◆ Director: **Jorge de la Torre**
- Surgical Critical Care
 - ◆ Director: **Patrick Bosarge**
- Vascular Surgery
 - ◆ Director: **Benjamin Pearce**
- Minimally Invasive Surgery
 - ◆ Director: **Richard D. Stahl**
- Pediatric Surgery
 - ◆ Director: **Mike Chen**

Faculty with Active Funded Training Grants



Kirby Bland and Greg Kennedy
Surgical Oncology
T32 NIH/NCI

Jeff Kerby
Field Skills
Air Force

Kim Hendershot
Surg. Boot Camp
UA HSF-GEF

Richard Stahl
GI Fellowship
FND Surgery
Fellowships

PENDING:
Minority Surgical
Leadership Training
SUS/SBAS
Promising Leaders
Program
NIH R13

Extramurally Funded Research Training Programs

In Development

SURE

Surgery Undergraduate Research Exp.

- **Rachael Lancaster**
- Min. 5 Students – Summer 2017
- 8 weeks
- Future NIH R25
- uab.edu/medicine/surgery/SURE



PRISM

Pre-college Research Internship for Students from Minority Backgrounds

- **Stephen Gray**
- 5 Students – Summer 2017
- 8 weeks
- Future DDCF or NIH R25



Team Projects
Team Science
Team Mentors
Near-Peer Mentoring

Summer Medical Student Program

- **Chen**
- 8-12 weeks
- 8 students in NIDDK-focused projects
- Surgery/research curriculum
- May 2017 NIH T35 in development







Association for Academic Surgery Presidential Address Episode VI: The Return of the Surgeon ¹

Herbert Chen, M.D., FACS *

Department of Surgery, University of Wisconsin, Madison, Wisconsin

Submitted for publication January 31, 2009

As a young boy growing up in rural Wisconsin, 1977 was a special year. In that year, the original STAR WARS movie was released. I must have watched it five to six times that year. Since then a total of six episodes have been filmed, which detail the struggles of the good Jedi Knights against the evil Empire. During this address, I want to illustrate the similarities between the Jedi Knight in the Star Wars series and modern day surgeons. As the Jedi utilized high tech light sabers to battle against the evil Dark Sith, surgeons utilize high tech laparoscopes and robots to battle against evil human diseases and pathology (Fig. 1). In fact, both Jedi and surgeons are generally extremely talented at cutting. In Episode III: the Rise of the Empire, the Jedi almost undergo extinction, when the Empire slays virtually all Jedi knights. Similarly and unfortunately, surgeons in the United States today are almost undergoing extinction. We are facing a vast shortage of surgeons in our hospitals across

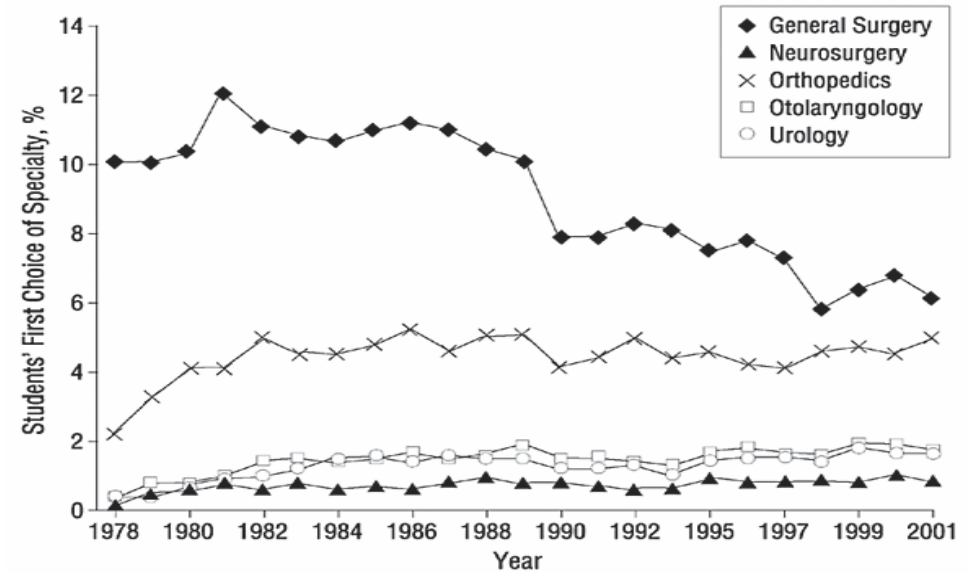
United States [1]. The need for general surgeons continues to increase as demonstrated by the US population increasing by 25 million people per decade, the aging surgical workforce with one-third of surgeons older than 55 years of age, and an aging patient population where the number of those older than 65 years will double by the year 2030. However, the total number of general surgeons in the United States continues to decline.

Why do we have a shortage of general surgeons across the country? One significant reason is that medical students are choosing to pursue other medical fields rather than surgery. Sheldon and colleagues have observed a significant decrease in the percentage of students pursuing surgery compared with the 150% increase in students pursuing anesthesiology [2]. As shown by past Association for Academic Surgery (AAS) President Kirby Bland, while the number of medical students who choose other surgical subspe-

Jedi Knights and Surgeons



Need to Engage Surgeons in Education



Bland, K. I. et al. Arch Surg 2002

Birmingham Clerkships - Academic Year 2015-16 - Mean Ratings*

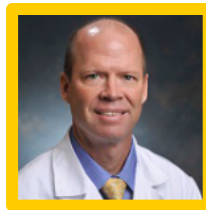
	Family Medicine	Medicine	Neurology	Ob-Gyn	Pediatrics	Psychiatry	Surgery
The overall organization of the clerkship	4.1	4.5	3.6	4.1	4.3	4.0	3.2
The orientation to clerkship learning objectives	4.2	4.2	4.0	4.2	4.2	3.9	3.6
The orientation to clerkship grading	4.2	4.1	3.8	4.2	4.1	4.0	3.7
The orientation to what was expected of students	4.2	4.1	3.9	4.1	4.2	3.9	3.6
The patient experiences available to meet clerkship requirements	4.2	4.4	3.8	4.0	4.5	4.0	3.9
The Clerkship Director's receptiveness to student concerns	4.3	4.7	4.1	4.5	4.7	4.3	4.2
The constructive feedback given in response to observed student skills	4.2	4.3	3.7	4.0	4.2	4.1	3.5
The quality of the lectures	4.0	4.0	3.6	3.7	3.5	3.0	3.6
Faculty teaching	4.3	4.4	3.8	4.1	4.1	4.0	3.5
Resident teaching	4.1	4.3	3.5	4.0	4.0	3.8	3.4
The Clerkship overall	4.2	4.4	3.6	4.2	4.4	4.0	3.5
This clerkship as a preparation for residency	4.1	4.4	3.6	4.2	4.3	4.0	3.5

*Rating Scale: 1=Unacceptable - Needs immediate attention, 2=Marginal - Obvious room to improve, 3=Sufficient - Met expectations the most part, 4=Very Good - Delivered a valued student experience, 5=Sets a standard for clerkships and rises to the level of Practice

	Surgery	Surgery	Surgery	Surgery
The overall organization of the clerkship	3.2	4.5	4.1	4.0
The orientation to clerkship learning objectives	3.6	4.3	4.1	4.0
The orientation to clerkship grading	3.7	4.2	3.8	3.9
The orientation to what was expected of students	3.6	4.2	3.9	4.0
The patient experiences available to meet clerkship requirements	3.9	4.4	4.2	4.3
The Clerkship Director's receptiveness to student concerns	4.2	4.5	4.8	4.2
The constructive feedback given in response to observed student skills	3.5	4.3	4.0	3.9
Faculty teaching	3.5	4.4	3.9	4.1
Resident teaching	3.4	4.4	4.0	4.0
The Clerkship overall	3.5	4.5	4.1	4.2
preparation for residency				
	Birmingham	Huntsville	Montgomery	Tuscaloosa

Third- and Fourth-Year Surgery Clerkships

- Third-Year:
 - ♦ Changes:
 - ♦ **Revise the med student rotations**
 - ♦ Elimination of preceptor meetings and replacement with CD conference
 - ♦ Expansion of orientation to include skills training early in clerkship
 - ♦ Changing the lecture series to follow outline of textbook
 - ♦ **Appoint rotation directors on each service**
- Fourth-Year:
 - ♦ Goals:
 - ♦ Update and revise course catalog
 - ♦ Update and revise objectives
 - ♦ Develop a website with information for 4th-year students
 - ♦ Outreach to other campuses
 - ♦ Review graduating student surveys for opportunities for improvement
 - ♦ Formalized 4th year curriculum with lectures
 - ♦ **Develop the acting internships further**



- Write a chapter in our new medical student textbook



CONTENT
DATABASE



LEARNING
TOOLS



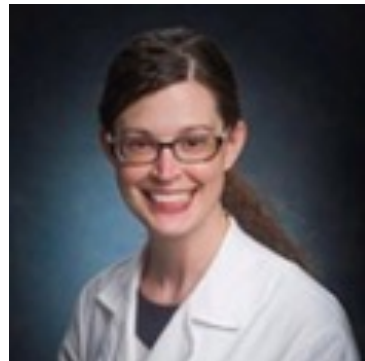
EDITORIAL
BOARD



SEARCH

CLERKSHIP

Thinking Like a Surgeon



- Write a chapter in our new medical student textbook
- Give a med student lecture
- Participant in resident interviews
- Examine in mock orals
- Teaching in the operating room, wards, and clinic
- Mentor students on projects

UAB Department of Surgery Goals

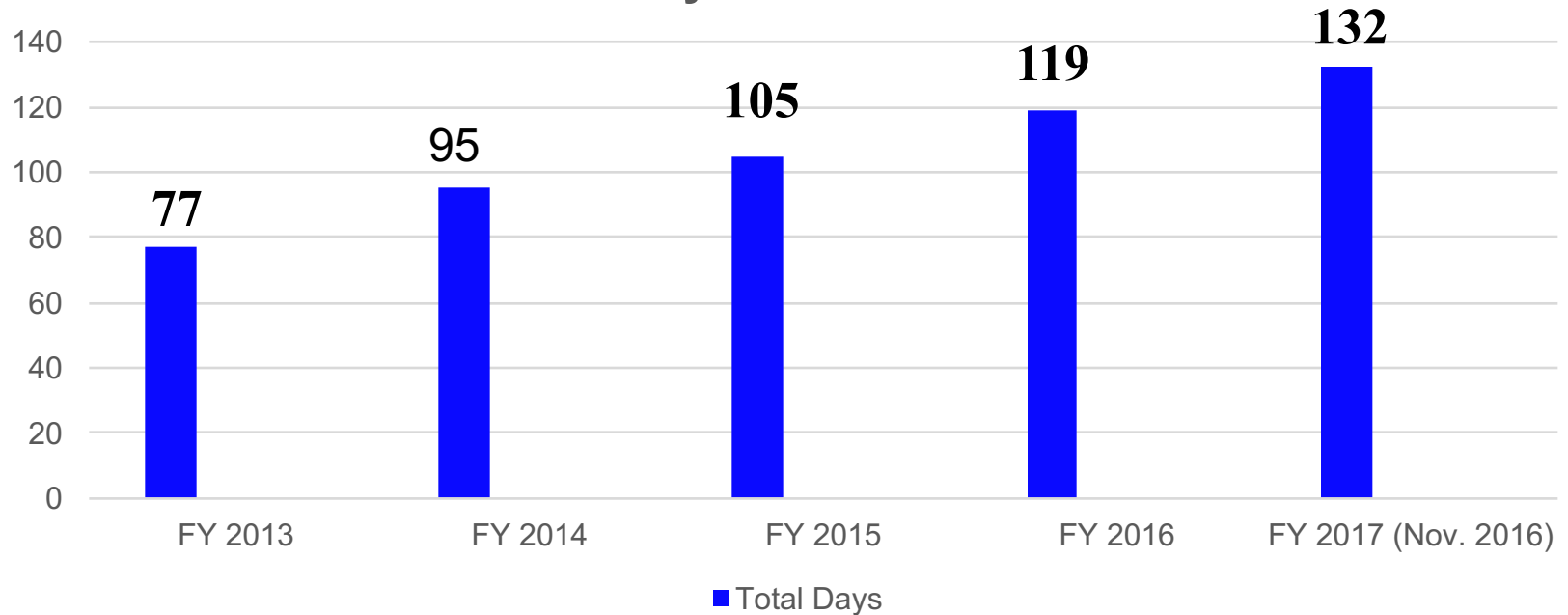
1. Increase surgery research portfolio
2. Enhance career development, social networking, and education opportunities
3. Drive clinical program specialization and expansion

Department of Surgery Clinical Performance

- Total RVUs
 - ◆ 2015 = 768,883
 - ◆ 2016 = 769,404
- Gross collections
 - ◆ 2015 = 15,407,558
 - ◆ 2016 = 15,332,467
- Total case
 - ◆ 2015 = 21,073
 - ◆ 2016 = 20,276

Surgery Days Cash

Department of Surgery
Fiscal Year Ending
HSF Days Cash on Hand



Increasing Physical Capacity

- In FY15/FY16, UAB Medicine's physical capacity increased as we:
 - ♦ Implemented a Bed Aggregation Plan, resulting in patient placement accuracy improving from 67% to 90%.
 - ♦ Approved the construction of an additional 20-bed ICU on the 5th floor of the Medical Education Building (scheduled to be completed in November 2017).
 - ♦ Added 8 exam rooms and a results-pending area to increase Highlands ER capacity.
 - ♦ Increased the Neurosciences Intensive Care Unit capacity from 26 to 36 patient rooms.
 - ♦ Added 12 intermediate care beds on nursing units in the Spain Wallace Building.
 - ♦ Opened a 20-bed observation/clinical decision unit.
 - ♦ Approved the planning and construction of 2 additional operating rooms on the 5th floor of the UAB Women & Infants Center (scheduled to be completed in 2018).
 - ♦ Converted 11 beds on S6SW to implement the Specialty Care Unit with the objective of managing and mobilizing ventilator-dependent patients.
 - ♦ Added monitoring capabilities to 11 beds on S6SW to support the management of higher acuity pulmonary patients.
 - ♦ Implemented a project to add 8 operating rooms at Callahan Eye Hospital (scheduled to be completed in spring 2017).
 - ♦ Added an automation line to the hospital laboratory operation, resulting in increased capacity and improved turnaround time.
 - ♦ Placed a second MRI in service at Highlands to support both clinical and research demand.

External Business Development



Martin Heslin, M.D.

Professor and Executive Vice Chair,
Department of Surgery

Chief of Medical Staff, UAB Hospital

James P. Hayes, Jr. Endowed Professor
in Gastrointestinal Oncology

External Business Development

- Clinical revenue will decrease with current local strategy
 - ◆ Bundled payments, capitated care, increase support of academic mission
- MACRA may create a business opportunity by engaging and potentially hiring competent and normal affiliated surgeons
- Therefore, need new strategy and infrastructure to support this almost certain opportunity
- New strategy:
 - ◆ Partner/hire surgeons to work in alliance/network hospitals as part of UAB DOS
 - ◆ Get top dollar from outside hospitals, care for higher acuity cases
 - ◆ Support research and education with additional revenue



Progress to Date

- Work with community hospitals and local organizations
 - ♦ Cardiovascular Surgery
 - ♦ Birmingham/Florence: Surgeons in place
 - ♦ GI Surgery
 - ♦ Alexander City partnership: Hired GS, recruiting a second, discussing colorectal consults
 - ♦ Orthopedic Surgery
 - ♦ Medical West surgeon
 - ♦ Plastic Surgery
 - ♦ Mountain Brook clinic/Medical West surgeon
 - ♦ Surgical Oncology
 - ♦ Alexander City/Montgomery: negotiating augmentation of Breast consultations
 - ♦ Transplantation
 - ♦ AOC organ procurement facility
 - ♦ Mobile/Tupelo: outpatient clinic
 - ♦ Vascular Surgery
 - ♦ Cullman partnership is well developed
 - ♦ Pediatric Surgery
 - ♦ Dothan/Montgomery: outreach clinics

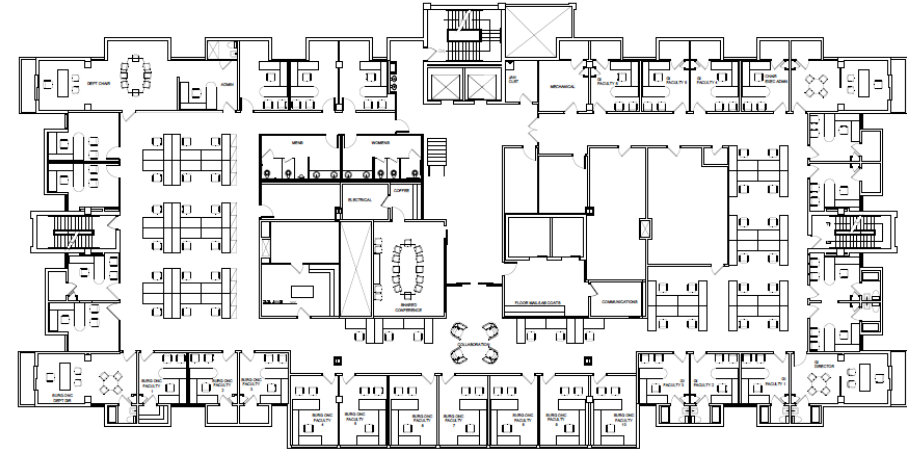
- Goal
 - ♦ Growth and partnerships across the state and region





Boshell Renovations

- BDB 5 & 6 Project Specifics:
 - ◆ Individual faculty offices
 - ◆ Open floor design to maximize sunlight
 - ◆ Interconnecting mid-floor stairwell between 5 & 6
 - ◆ Co-localization of surgeons from multiple divisions
- BDB 2 Project Specifics:
 - ◆ General Surgery residency program offices
 - ◆ Multiple computer or docking workstations
 - ◆ Conferencing facilities
 - ◆ Breakroom & Kitchen
 - ◆ Lockers & lounge area
 - ◆ Bathrooms with showers



BOSHELL BUILDING
5TH FLOOR REVISED PLAN
1-08-17



BOSHELL BUILDING
6TH FLOOR SCHEMATIC PLAN
10-20-16
GHAFARI ASSOCIATES, LLC

Boshell Renovations

- Project Description:

- ♦ Renovations and upgrades to the second, fifth and sixth floors

- Future Occupants:

- ♦ BDB 5 & 6
 - ♦ Divisions of Acute Care Surgery, Gastrointestinal Surgery, Surgical Oncology, and Vascular Surgery;
 - ♦ Surgery Chair Office and Research Administration
- ♦ BDB 2
 - ♦ Surgery Residents' usage

- Project timetable:

- ♦ Design and planning
 - ♦ Fall 2016 – Spring 2017
- ♦ Contractor bidding and selection
 - ♦ Spring – Summer 2017
- ♦ Construction commences Summer 2017
- ♦ Estimated construction time of 18 months
- ♦ Construction completed in phases
 - ♦ BDB 6, then BDB 5
- ♦ BDB 2
 - ♦ Renovation of former hospital gym, separate project with estimated 6 month timeframe

[About](#)[Department Leadership](#)[History](#)[Mission & Vision](#)[Diversity](#)[Facilities](#)[Internal Resources](#)[Appointments, Promotions
and Tenure Process](#)[Employee of the Month](#)[Logo & Template Downloads](#)[Website Update Request](#)[Contact Us](#)

Logo & Template Downloads

Effective branding can help create an identity that promotes and advances our institution. Our faculty and employees can play an integral role in advancing the UAB Department of Surgery through branding. Please use these resources when giving work-related presentations or creating materials. If you have a question about branding or an additional needs, please contact us at surgcomm@uabmc.edu.

UAB Medicine

UAB Medicine is the name and primary brand for the clinical facilities and services provided by faculty within the UAB (University of Alabama at Birmingham) School of Medicine through the UAB Health System. UAB Medicine logos should always be used when communicating to patients/potential patients and referring physicians. **More information about UAB Medicine brand can be found here.**

UAB School of Medicine

In certain instances, it would be most appropriate to use the UAB School of Medicine brand. These could include endeavors that are solely related to research, fundraising, academics (residency and fellowship programs) or internal communication to faculty and staff.

Templates

Using correctly branded PowerPoint and poster templates is a great way to promote UAB while at conferences, meetings, or when presenting to patients and families. Consistently using these materials can help demonstrate the impact UAB Surgery faculty and employees are making on a particular field or area.

The following links are **UAB Medicine Surgery** templates that are to be used when communicating to patients/potential patients and referring physicians:

- [UAB Medicine Surgery PowerPoint Template](#)
- [UAB Medicine Surgery Poster Template 1-column](#)
- [UAB Medicine Surgery Poster Template 3-column](#)
- [UAB Medicine Surgery Poster Template 4-column](#)

The following links are **UAB School of Medicine Department of Surgery** research, fundraising, academics (residency and fellowship program) poster templates:

- [UAB School of Medicine Poster Template](#)

UAB SCHOOL OF
MEDICINE

Division of Acute Care Surgery

UAB MEDICINE

CARDIOTHORACIC SURGERY

UAB MEDICINE

SURGERY

Logos

Logos are an important part of brand identity, and we ask that all employees use correct logos on materials. Logos are not to be modified.

The following are **UAB Medicine Surgery** logos that are to be used when communicating to patients/potential patients and referring physicians. If you need a specific logo not listed below or need a higher resolution file please contact **UAB Health System Marketing**.

- [UAB Medicine Surgery Logo](#)
- [UAB Medicine Service Line Logos](#)
 - Includes: Heart & Vascular and Transplant service line logos
- [UAB Medicine Clinical Services Logos](#)
 - Includes: Burn & Trauma, Cardiothoracic Surgery, General Surgery, Orthopaedic Surgery, Pediatric Surgery, Plastic Surgery, Surgical Oncology, and Vascular Surgery

The following are **UAB School of Medicine Department of Surgery** logos to be used when highlighting research, fundraising, academics (residency and fellowship programs) or for internal communication. If you need a specific logo not listed below please complete [this logo request form](#).

- [UAB School of Medicine Department of Surgery](#)
- [UAB School of Medicine General Surgery Residency Program](#)
- [UAB School of Medicine Division of Acute Care Surgery](#)
- [UAB School of Medicine Division of Cardiothoracic Surgery](#)
- [UAB School of Medicine Division of Gastrointestinal Surgery](#)
- [UAB School of Medicine Division of Orthopaedic Surgery](#)
- [UAB School of Medicine Division of Pediatric Surgery](#)
- [UAB School of Medicine Division of Plastic Surgery](#)
- [UAB School of Medicine Division of Surgical Oncology](#)
- [UAB School of Medicine Division of Transplantation](#)
- [UAB School of Medicine Division of Vascular Surgery & Endovascular Therapy](#)

UAB Surgery Swag

- These items will soon be available to order:



52 Places to Go in 2017

There are thousands of getaways to explore this year.
Here are some ideas to get you started.

JANUARY 4, 2017

1. Canada

A northern neighbor is a world to explore.

2. Atacama Desert, Chile

New ways to explore the world's highest desert.

3. Agra, India

Beyond the Taj Mahal, new attractions beckon.

4. Zermatt, Switzerland

New reasons to get close to the Matterhorn.

5. Botswana

Old lions, new digs in the heart of the Okavango.

19. Madagascar

An island nation re-emerges as an ecotourism paradise.

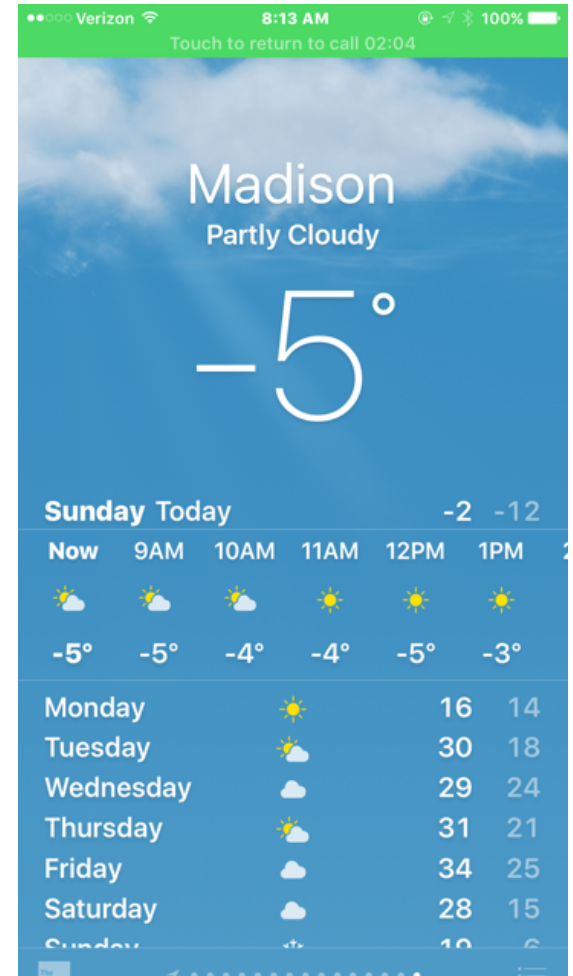
34. Madrid

Way beyond tapas in the Spanish capital.

45. Birmingham, Alabama

A new brewery was just the start.

Birmingham's nickname, "The Pittsburgh of the South," seems apt anew, thanks to the revitalization of the Avondale neighborhood, where artists, restaurateurs and young entrepreneurs are taking over brick warehouses and Queen Anne cottages. Since the neighborhood's [eponymous brewery](#) took up residence inside a 19th-century firehouse, hip hangouts like the wood-fired pizzeria [Post Office Pies](#), the live music venue [Saturn](#) and the garage-turned-brunch hot spot [Rowe's Service Station](#) have followed suit, with mainstays like Saw's Soul Kitchen still dishing it out. — CHANEY KWAK



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