

Headquarters U.S. Air Force

Integrity - Service - Excellence

Internal Medicine Teleconference 27 Mar 2019



U.S. AIR FORCE



U.S. AIR FORCE

MC Office Welcome

- **Please press *6 or the mute button on your phone during the call**
- **Please do not use the “hold” function on your device**
- **Slides/recording will be posted after the call**



U.S. AIR FORCE

AF SG INTERNAL MEDICINE CHIEF CONSULTANT

COL JOHN FREILER



U.S. AIR FORCE

Chief Consultant- Big Picture View

- **Internal Medicine is a diverse field**
- **Many subspecialty pathways**
- **Vision of IM future:**
 - **Continued need for primary care & subspecialties**
 - **Concentrate at readiness platforms**
 - **Increased acuity at MTFs**
 - **Subspecialist will deploy in capacity of General IM**
 - **ICU level care**
 - **Focus on Readiness & Operational Medicine**
 - **CMRP/KSA**



U.S. AIR FORCE

AF SG INTERNAL MEDICINE CONSULTANT

LT COL BRIAN WHITE



Air Force Internal Medicine

U.S. AIR FORCE

- **Readiness is the top priority!**
 - **Medically Ready Force**
 - **Ready Medical Force**
- **AF Internists are Leaders**
 - **Clinical leaders**
 - **Academic leaders**
 - **Military Leaders**
- **Population Served**
 - **Active Duty and their Dependents**
 - **Retirees and their Dependents**



U.S. AIR FORCE

AF Internal Medicine

- **Business of Medicine**
 - No overhead costs
 - No marketing/building up practice
- **Practice of Medicine**
 - Travel/Global Medicine
 - Occupational Medicine
 - Trauma, CBRN
- **Environment of Medicine**
 - Inpatient
 - Outpatient
 - In back of airplane



U.S. AIR FORCE

Assignments

- **Typical assignment length is 4 years**
- **OCONUS Locations**
 - **JBER, Lakenheath, Landstuhl, Kadena, Osan, Yokota, Misawa**
- **Large MTFs**
 - **Lackland/SAMMC, Travis, Keesler, Nellis, Wright Patterson, Bethesda**
- **Small MTFs**
 - **Langley, Eglin, USAFA, Andrews, Scott, McClellan, MacDill**



U.S. AIR FORCE

Deployments

- **Current deployment model: vulnerable to deploy 6 out of every 24 months**
 - **Based on current ops tempo & is subject to change**
- **Most internists deploy as hospitalists or intensivists**
- **Many subspecialists also deploy in these roles**
- **Global Health Engagement opportunities also exist**
 - **Can pursue International Health Specialist experience**



U.S. AIR FORCE

IM Residency (GME)

- **Residency**
 - **3 years**
 - **Training locations**
 - **Travis AFB, CA—associated with UC-Davis**
 - **SAUSHEC, San Antonio, TX—combined with Army**
 - **Keesler AFB, MS**
 - **Wright Patterson AFB, OH—associated with Wright State University**
- **Fellowships Opportunities**
 - **Allergy/Immunology, Cardiology, Endocrinology, Gastroenterology, Hematology/oncology, Infectious Disease, Nephrology, Pulmonology/critical care, Rheumatology**



U.S. AIR FORCE

Travis AFB, CA

Associated with University of California-Davis

Program Director

Lt Col Scott Frye

Medical Student Coordinator

Charles Thompson

Charles.r.thompson102.civ@mail.mil

707 423-7950



U.S. AIR FORCE

SAUSHEC (San Antonio)

Program Director

COL Joshua Hawley-Molloy

Associated Program Director(s)

MAJ Tatjana Calvano

Lt Col Benjamin Morrow

Maj Luke Surry



Rotations at SAUSHEC (Brooke Army Medical Center)

- To schedule a rotation – fill out and submit request form at:
<https://www.bamc.health.mil/saushec/GME/medical-student/sammc/medical-student-info.asp>
- Coordinator: Mr. Thomas Forsthoefer
Phone: 210.916.3231 / 210.916.6574
Email: usarmy.jbsa.medcom-bamc.list.saushec-clerkship@mail.mil
- Rotations fill up fast! Any of the rotations below will allow you ample opportunity to get to know the program and hospital:
 - **Ward Sub-Internship**
 - **Cardiac ICU (CCU)**
 - **Medical ICU (MICU)**
 - **Cardiology Consults**
 - **Pulmonology Consults**
 - **Nephrology Consults**
 - **Endocrinology Consults**
 - **Infectious Diseases Consults**
 - **Rheumatology Consults**
 - **Gastroenterology Consults**
 - **Hematology/Oncology Wards or Consults**



U.S. AIR FORCE

Program Director - SAUSHEC

- **Factors that contribute to a good application for the program**
 - **SAUSHEC hopes to recruit dedicated resident leaders who want to get involved in bettering our program and our institution! If your interview and CV demonstrate that you will bring a positive attitude, a professional demeanor, and a well-rounded personality, we want to make you part of our residency program.**
 - **Residents at most levels of medical school academic achievement will succeed in our program. Strong applicants may have held leadership roles in student organizations, participated in scholarly, research, and/or QIPS activities, and demonstrated a commitment to service for their communities.**
 - **An audition rotation is optimal, but if you are unable to schedule a rotation with us then a one-day visit or a phone interview can be very helpful to both the student and the program in assessing each other.**



U.S. AIR FORCE

Program Director - SAUSHEC

■ Who we are

- Largest Internal Medicine Residency in the Department of Defense based at Brooke Army Medical Center (BAMC), the largest medical treatment facility in the military health system**
- Comprehensive training program focused on developing competent and compassionate clinicians, astute scholars, and effective military leaders**

■ What makes BAMC unique

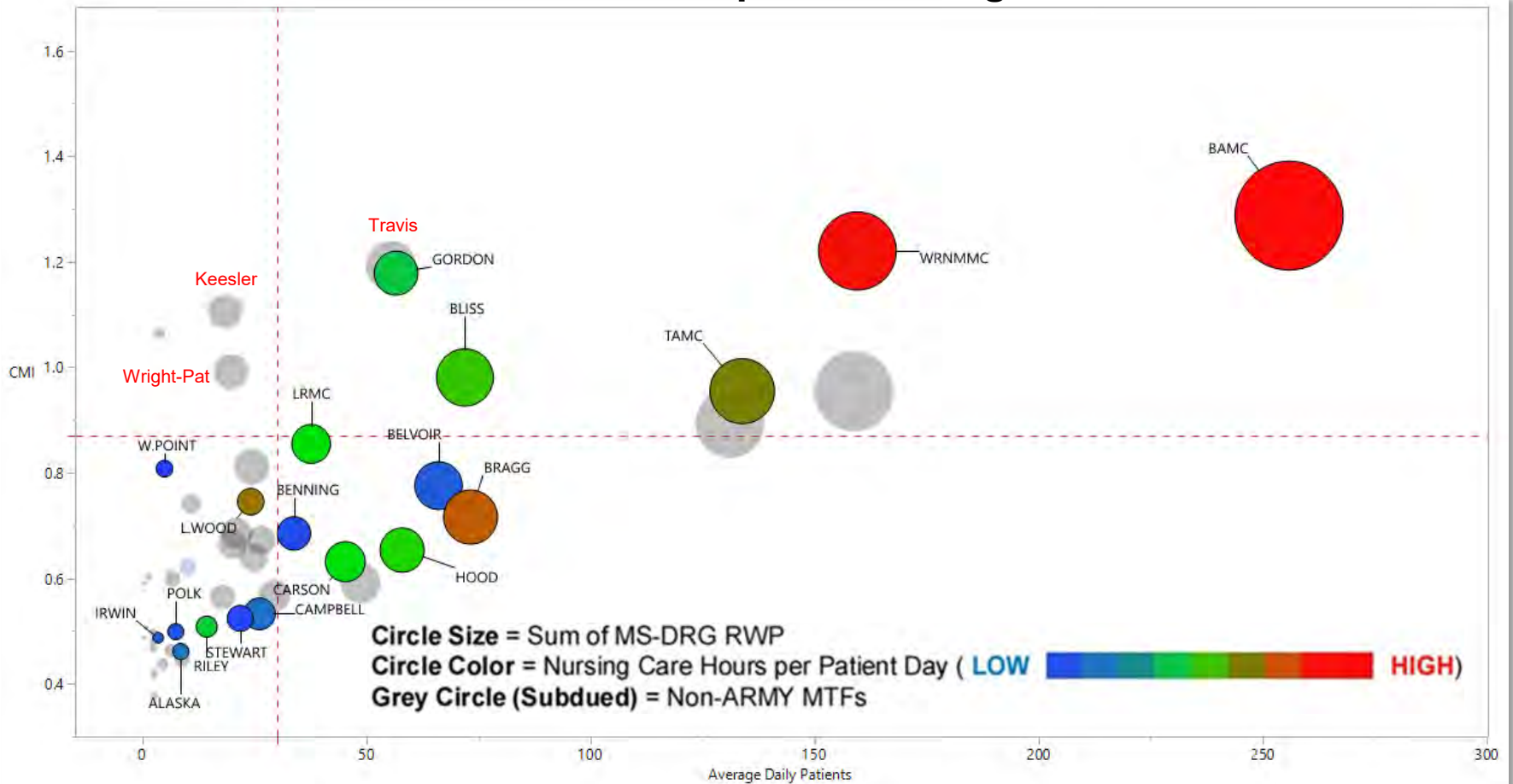
- Only Level 1 Trauma Center in DoD**
- 445 med/surg beds and 115 ICU beds including 40 in Burn Unit**
- Major ECMO center for South Texas**



U.S. AIR FORCE

Program Director - SAUSHEC

Average Daily Patients vs. Case Mix Index 12-month data period ending FY18Q2





U.S. AIR FORCE

Program Director - SAUSHEC



Brooke Army Medical Center



Wilford Hall Ambulatory Surgical Center

Integrity - Service - Excellence



U.S. AIR FORCE

Program Director - SAUSHEC

- **Located in beautiful San Antonio, TX**
 - **7th largest city in the US**
 - **Family friendly, low cost of living**
 - **Attractions include the Riverwalk, historic missions, an expanding culinary scene including Texas Wine Country and the Pearl District**
- **Strong emphasis on resident well-being**
 - **Focus on holistic wellness with Cura Personalis program, Meaning in Medicine, 5th Friday fun, and frequent resident outings**
- **Excellent opportunities for scholarly activity**
 - **>15 resident publications and >75 presentations this academic year so far**
 - **Research collaborations with ISR, USU, and UTHSA**



U.S. AIR FORCE

Program Director - SAUSHEC



Integrity - Service - Excellence



U.S. AIR FORCE

Contact Info – SAUSHEC Internal Medicine

San Antonio Uniformed Services Health Education Consortium (SAUSHEC)

- **Program Director**
 - COL Joshua Hawley-Molloy
 - joshua.s.Hawley-molloy.mil@mail.mil
- **Associate Program Director**
 - Maj Luke Surry
 - luke.t.surry.mil@mail.mil
- **Associate Program Director**
 - Lt Col Benjamin Morrow
 - benjamin.d.morrow4.mil@mail.mil
- **Program Coordinator**
 - Ms. Carmen Vargas
 - carmen.m.vargas4.civ@mail.mil



U.S. AIR FORCE

Keesler IM Residency

Program Director

Lt Col Wayne A. Latack (Neph)

Associated Program Director(s)

Lt Col Diane Homeyer (ID)

Maj Blake Elkins (Endo)

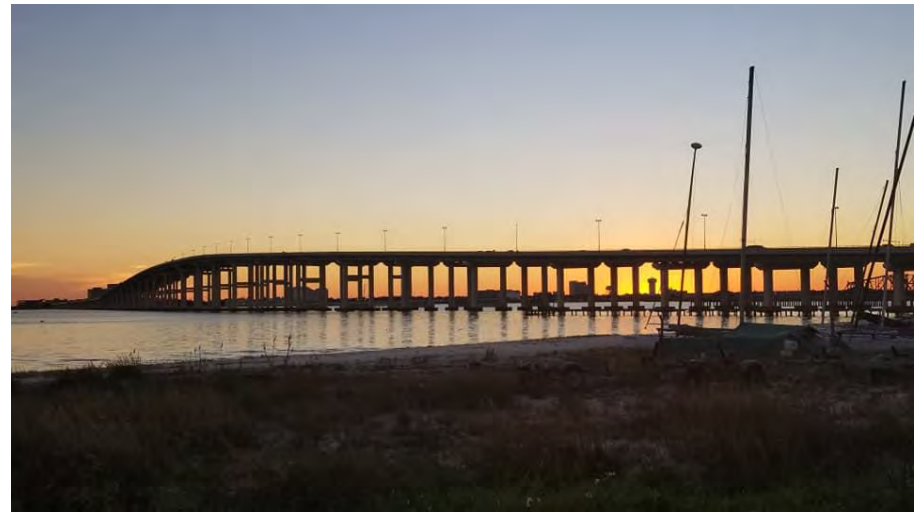
Capt Josh Coker (IM)



Keesler IM Residency

U.S. AIR FORCE

- **The only Standalone IM residency in the AF**
- **Nestled in the South along the warm and welcoming Gulf Coast of Biloxi, MS.**
- **Less than 2 hour drive to bustling streets of New Orleans, Louisiana or the calm beaches of Pensacola, Florida.**



Integrity - Service - Excellence



U.S. AIR FORCE

Keesler IM Residency

Record of excellence

- **AF Surgeon General Hospital of the Year 2017**
- **AETC Hospital of the Year 2018**
- **ACP Elite Residency 2018**
- **97% 3-year board pass rate: 100% pass rate in 2015, 2016 and 2018 graduates**
- **State of the art classroom**
- **30 scholarly projects annually**



Integrity - Service - Excellence



U.S. AIR FORCE

Keesler IM Residency



Integrity - Service - Excellence



Keesler IM Residency

U.S. AIR FORCE

Unique Training Opportunities

- **University of Mississippi Medical Center-Jackson, MS. The state's only level 1 trauma center. 722 beds, 5 ICU Floors (100 ICU beds)**
 - **Rotations: Intensive Care Unit, IP Cardiology, and IP Hematology/Oncology**
- **Singing River Health System Pascagoula, MS and Ocean Springs, MS (130 admission daily)**
 - **Rotations: Hospitalist, Intensive Care, Emergency Medicine**
- **Landstuhl Regional Medical Center, Landstuhl, Germany**
 - **Rotation: Hospitalist**

Integrity - Service - Excellence



U.S. AIR FORCE

Our Training Partners



Integrity - Service - Excellence



U.S. AIR FORCE

Keesler IM Residency

- We offer an amazing balance of personalized attention, rigorous didactics, and focused hands on training that will endow you with the skills to succeed in your future medical career.
- No specialty training means no competition for procedures or subspecialist education.



Integrity - Service - Excellence



U.S. AIR FORCE

Keesler IM Residency

Seafood, Mardi Gras, deep sea fishing, kayaking, scuba diving, fishing, camping and other outdoor activities await you!

Biloxi Shuckers Baseball Team

De Soto and Bienville National Forest

Bethel Mountain Biking Trail

Marina on base for kayaking, fishing, and boating

Pensacola, Florida

New Orleans, Louisiana

Integrity - Service - Excellence



U.S. AIR FORCE

Keesler IM Residency



Integrity - Service - Excellence



U.S. AIR FORCE

Program Director - Keesler

- To schedule a rotation contact the Medical Student Coordinator **Marie Routhier**
 - Phone: (228)376-3728
 - Email: marie.c.routhier.civ@mail.mil
- Rotation Location Availability
 - Keesler AFB





U.S. AIR FORCE

Contact Info – Keesler IM Residency

Keesler AFB Internal Medicine Residency

■ Program Director

- Name Wayne Latack
- Email wayne.a.latack.mil@mail.mil

■ Current Chief Residents

- Name Alex Fye and Josh Fields
- Email alexander.s.fye.mil@mail.mil and joshua.h.fields.mil@mail.mil

■ AY2019-2020 Chief Residents

- Name Jonathan Aun and Ryan Collier
- jonathan.a.aun.mil@mail.mil and ryan.p.collier2.mil@mail.mil

■ Program Coordinator

- Name Marie Routhier
- Email marie.c.routhier.civ@mail.mil



U.S. AIR FORCE

Wright State University IM

Program Director

Dr. Glen Solomon

Military Component Program Director

Maj Kathryn Burtson

Associate Program Directors

Col (ret) Dean Bricker, Miami Valley Hospital

Dr. Ankur Gupta, VA Medical Center



U.S. AIR FORCE

WSU IM ADT

- <https://medicine.wright.edu/internal-medicine-and-neurology/internal-medicine-residency-program>

- **To schedule a rotation contact the Medical Student Coordinator Mrs. Shannon Maniscalli**
 - **937-257-9655**
 - shannon.m.maniscalli.civ@mail.mil



U.S. AIR FORCE

WSU IM Residency Program

- **Unique in that it is the only fully combined (civilian and military) University Internal Medicine residency program in the USAF**
- **Residents are primary teaching service at 3 hospitals (max 20 minute radius, nice highways, no traffic)**
 - **Miami Valley Hospital-Level 1 Trauma Center, 711 beds, not-for-profit community hospital**
 - **Dayton Veterans Affairs Medical Center-65 acute care beds**
 - **Wright-Patterson Medical Center**



U.S. AIR FORCE

WSU IM Residency Program

Total Residents: 79	Military: 40	Civilian: 39
R1	14	13
R2	15	13
R3	11	13



U.S. AIR FORCE

WSU Didactics

- **Senior check-out or Openers:**
 - All inpatient team sites, M-F
- **Morning report:**
 - All inpatient team sites, M-W-Th-F
- **Resident forum:**
 - Miami Valley Hospital every Tuesday afternoon.
- **Noon conference:**
 - All inpatient team sites, M-W-Th-F



WSU Longitudinal Curriculum

WSU IM Curriculum

Block 2: 7/31/18 to 8/27/18

Cardiology

Date	Morning Report	Noon Conference /Recommended Readings
7/31	Welcome to the Wards/LST	FORUM
8/1	Imaging and CAD	Acute Coronary Syndrome with Dr Maliel Reading: Harrison's Chapter 119 and 120 Supplemental ACC/AHA STEMI and NSTEMI/UA Guidelines
8/2	Medications in CAD	Non-ACS CAD Acute Coronary Syndrome Reading: Harrison's Chapter 167 Supplemental: Ohman, E.M., Chronic Stable Angina. NEJM. 2016.
8/3	Intern Series 9 – GI bleed	Dr Burtson series
WEEKEND		
8/6	Intern Series 10 – Pneumonia	Jeopardy (Nephology/OB/Gyn)
8/7		CLINIC MEETING
8/8	Murmurs	Valvular Disease Reading: Harrison's Chapter 284 and 285 Supplemental: NEJM Valvular Heart Disease
8/9	Classification of Aortic Stenosis	Aortic Stenosis with Dr Maliel Reading: Harrison's Chapter 256 Supplemental 2017 AHA/ACC Focused Update of the Guideline for the Management of Patients with Valvular Heart Disease
8/10	Intern Series 11 – cellulitis	Open Food: Bunker
WEEKEND		
8/13	Intern Series 12 – AKI	ECG cases with Dr Maliel
8/14		FORUM
8/15	Presentation of Decompensated HF	Acute Decompensated Heart Failure Reading: 2013 ACC Guidelines
8/16	Medications in Heart Failure	Outpatient Management of Heart Failure Food: Wehrkamp Reading: Harrison's Chapter 118



WSU IM Residency Program

U.S. AIR FORCE

R1

- 4.5 blocks inpatient general medicine
- 1.5 blocks night float (two week blocks, not consecutive)
- 2 block intensive care unit
- 1 block cardiology
- 1.5 block ambulatory block
- 2.5 blocks medicine subspecialty elective
- 0.5 block practice-based learning modules
- 0.5 block leave

R2

- 3 blocks inpatient general medicine
- 1 block night float (two week blocks, not consecutive)
- 1-1.5 blocks intensive care unit
- 1.5 block ambulatory block
- 1 block emergency medicine
- 1 block neurology
- 1 block hospital medicine
- 3 – 3.5 blocks electives

R3

- 3 blocks inpatient general medicine
- 1.5 blocks night float (two week blocks, not consecutive)
- 1 block intensive care unit
- 1.5 blocks ambulatory block
- 1 block geriatrics
- 5 blocks electives

In accordance with RRC regulations, each resident spends at least 1/3 of residency time in ambulatory setting. The number may be higher individually based on electives.



U.S. AIR FORCE

WSU Research

- **Residency Research Requirement**
 - **Each resident must have completed a peer-reviewed publication or have presented a poster at a local or national meeting**
- **Each year a dedicated Research Chief Resident is selected to assist residents with research**
- **WSU IM Faculty statistician, Dr. Markert, will run SPSS and review research design**
- **Option of Research Scholar Pathway**



U.S. AIR FORCE

WSU = Wellness

Run Club M/W/F at 1600

Quarterly Wellness Forums



Integrity - Service - Excellence



U.S. AIR FORCE

WSU = Success

Army/AF ACP Challenge Bowl Champions 2017, 2018

National ACP Original Research Award 2018



Integrity - Service - Excellence



WSU Effectiveness of the Program

U.S. AIR FORCE

- **AF ABIM board pass rate 97% over 5 years**
- **233 presentations at National Conferences and/or publications 2016-2018**
- **Implementation of novel longitudinal curriculum FY2017, ACGME accolades at 10 year accreditation visit FY2019**
- **Departing residents feel well-prepared for transition to pursue fellowship or practice Internal Medicine in a multitude of settings**



U.S. AIR FORCE

Contact Info – Consultant

- Col John F. Freiler, cell 210 421-6375
john.f.freiler.mil@mail.mil
- Lt Col Brian K. White, cell 210 441-8135
brian.k.white100.mil@mail.mil



U.S. AIR FORCE

QUESTIONS?