RADIOLOGY RESIDENCY GOALS AND VISION

Jamal Bokhari, M.D.
Professor of Radiology and Surgery
Director, Residency Program
Medical Director, ER Radiology
Yale University School of Medicine
GOALS

Serve your patient
  World class clinical training

Serve humanity
  Comprehensive research and education experience

Serve radiology
  Opportunity to participate in national societies and committees

Serve yourself
  Ability to get the job of your choice
WHAT MAKES A PROGRAM

- Faculty
- Facilities
- Case load
- Case variety
- Philosophy
  - of the residents, by the residents, for the residents
MEASURES OF SUCCESS

• Internal feedback
• Regulatory agency feedback
  • ACGME
  • GME
• Boards
  • ABR
• Graduate placements
• Long term achievements
INTERNAL FEEDBACK

- World class faculty
- Excellent teaching
- Outstanding clinical training
- Overwhelmingly positive reviews by the faculty and residents who would universally recommend the program to their family and friends.
ACGME, GME AND ABR

- **ACGME:**
  - Two of the largest increases in complement of residents
  - Approval for IR - all pathways

- **GME:**
  - Fully funded all of the spots

- **DEPT.**
  - Appointed 4 APDs for continuing support

- **ABR:**
  - 100 % pass rate at graduation in the last 5 years
Who are we?

- Founded in 2014, we represent all >1100 house-staff across all training programs at Yale New Haven Hospital, by far the largest organization of house-staff nationwide.

- The senate is comprised of an executive board and five councils. The executive board focuses on governance and leadership of programming and events. The councils encompass broad facets of disciplines relating to house staff, and currently include:
  - Advocacy
  - Education
  - Quality Improvement and Patient Safety
  - Diversity
  - Wellness and Well being
WHAT WE STAND FOR

The Yale Resident Fellow Senate...

VISION
- Strives to help create the best medical training environment in the nation.

MISSION
- Facilitates interdisciplinary collaborations, mentorship, and opportunities for all house staff.

VALUES
- Is rooted in PULSE values
  - Patient Centered
  - Culture Of Respect And Integrity
  - Leadership of Physicians
  - Service To Others
  - Excellence
WHY JOIN THE SENATE?

• Leadership development
  • Work alongside mentors from across the academic and administrative spectrum

• Transform the house staff experience
  • Feel empowered to make a change in our training environment, we have the resources and connections to make it happen!

• Prepare yourself for the future of healthcare
  • Regardless of where you end up, working on teams, managing projects/ research/ clinical care, and leading an organization (regardless of size), is what physicians are doing and will continually be asked to do.

• What have we done so far?
  • Annual Housestaff Assembly with YNHH CEO
  • Solidarity night to celebrate the one-ness of our house-staff
  • Advocacy showcase and monthly focused seminars (ex: opioid epidemic)
  • QI/Safety lecture series and toolkit development
  • Implicit bias training
  • Workshops with clinical librarians
  • First Friday social events
  • Housestaff appreciation week
WANT MORE INFORMATION?

- View our website at https://medicine.yale.edu/senate/
- Email us at ynhh.senate@yale.edu
- Follow us on Instagram: @yaleresidentfellowsenate
- Follow us on Facebook: @yaleresidentfellowsenate
- Follow us on Twitter: @yalehousestaff
<table>
<thead>
<tr>
<th>Programming</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Solidarity Night</td>
<td>Annual since April 2018</td>
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<tr>
<td>Fall Solidarity Night</td>
<td>Annual since Nov 2018</td>
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<tr>
<td>Housestaff Assembly</td>
<td>Annual since December 2017</td>
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<tr>
<td>Lecture Series: Immigration health and policy</td>
<td>October 2018</td>
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<tr>
<td>Meet the Consultant: Dermatology</td>
<td>September 2018</td>
</tr>
<tr>
<td>Meet the Consultant: ID</td>
<td>October 2018</td>
</tr>
<tr>
<td>Clinical Librarian Quarterly</td>
<td>November 2018</td>
</tr>
<tr>
<td>QI Lecture Series</td>
<td>November 2018</td>
</tr>
<tr>
<td>First Friday Events</td>
<td>Monthly since April 2018</td>
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<tr>
<td>Movie Outing: Crazy Rich Asians</td>
<td>September 2018</td>
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<tr>
<td>Intern Welcome Event at Barcade</td>
<td>July 2018</td>
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<tr>
<td>Legislative Breakfast Series (speaker Chris Murphy)</td>
<td>March 2018</td>
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<tr>
<td>Housestaff Appreciation Week</td>
<td>April 2018</td>
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<tr>
<td>Implicit Bias Training</td>
<td>March 2018</td>
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<tr>
<td>Under Representative Minorities Dinner</td>
<td>Jan 2018</td>
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<tr>
<td>Interdisciplinary Learning Event (Optho + EM)</td>
<td>Jan 2018</td>
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<tr>
<td>Advocacy Showcase</td>
<td>June 2018</td>
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<tr>
<td>Medical Education Day</td>
<td>May 2018</td>
</tr>
<tr>
<td>Op Ed Training</td>
<td>April 2018</td>
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GRADUATE PLACEMENTS – 2018

Daniella Asch      UPenn
Krystal Buchanan   Yale Neuroradiology
Joe Cavallo       Yale Healthcare Leadership Radiology/MBA
Kenedy Foryoung   Yale Neuroradiology
Guangzu Gao       Johns Hopkins Neuroradiology
Saad Hussain      Duke IR Fellow
Feng Jiang        Yale Neuroradiology
Vivek Patel       Yale MSK
Shayan Rashid     Yale IR Fellowship
Samira Rathnayake Yale MSK
Nitya Bhalla      USC
Vinayak Thakur    Miami Vascular
GRADUATE PLACEMENTS: SUMMARY
2013-2018

- Programs
  - Yale >25
  - MGH
  - Brigham & Women
  - UCSD
  - Univ. of Utah
  - Practice
  - Cornell
  - Beth Israel, MA
  - Duke
  - Stanford
  - Colorado
  - UCLA
  - NYU
  - Mallinckrodt 2
  - UCSF
  - CHOP
  - S. California
  - PhD and MBA
~25% have gone on to become leaders in radiology:

- Program Directors/Associate Program Directors
- Chairs
- Society Presidents
- CEOs
INNOVATIVE PROGRAMS

- Introductory Boot Camp
- Perception Training
- Expanded Mentoring Program
- Comprehensive Physics Course
- New Internal Moonlighting Opportunities
- ER Triage Program
- ER Radiology Assistant Program
- IR and Contrast Simulation Training
INNOVATIVE PROGRAMS

• Outreach program
  • Tanzania
  • Jamaica
  • Rad-aid

• Research
  • Holmans pathway
  • Extended residency 6 months or 1 year
INNOVATIVE PROGRAMS

YDR Global Outreach Program
Tanzania

YDR is pleased to offer our residents a 4-week away-elective in the beautiful country of Tanzania during one of their fourth year mini-fellowship rotations. YDR will cover the cost of round-trip airfare and housing in Tanzania for the duration of the rotation. This is a unique opportunity for our residents to experience the practice of radiology in a resource-limited setting at the Muhimbili National Hospital. Tanzania currently has 50 radiologists for a population of 55 million people, YDR residents can help increase both the number and quality of radiologists in Tanzania through teaching and collaboration.
INNOVATIVE PROGRAMS
INNOVATIVE PROGRAMS

- Outreach program
  - Tanzania
  - Radaid
- Research
  - Holmans pathway
  - Research Elective
  - Research/academic time Ry1- Ry3
  - Mandated 1 project
GOALS

To prepare preliminary interns to excel in specialty training by offering:

- Rigorous clinical training
- Rich, diverse experiences
- Humane, supportive atmosphere
EDUCATIONAL FEATURES

- Major referral institutions
- High reliability organization
- Full integration with categorical housestaff
- Geographically localized teams
- Specialty firms
- Diverse, talented faculty
- Diverse patient population
- Patient centered care and training
- Electives
**ORGANIZATION OF RESIDENCY PROGRAMS**

Department Chair (Gary Desir, MD)
Vice Chair for Education (Vincent Quagliarello, MD)

- **Traditional Residency**
  - Mark D. Siegel, MD

- **Primary Care Residency**
  - John P. Moriarty, MD

- **Med-Peds Residency**
  - Ben Doolittle, MD, MDiv

**Associate Directors**
- Katherine Gielissen, MD
- Seonaid Hay, MD
- Manisha Juthani-Mehta, MD
- Alfred Lee, MD, PhD
- Christopher Sankey, MD

- **Associate Directors**
  - Stephen Holt., MD, MS
  - Jaideep Talwalkar, MD
  - Tracy Rabin, MD

* 14 Preliminary Medicine positions
FACILITIES

Yale-New Haven Hospital
  York Street Campus (YSC)
  Saint Raphael’s Campus (SRC)

West Haven VA Hospital
YALE-NEW HAVEN HOSPITAL
YORK STREET CAMPUS

- 1044 Bed Hospital
- Community and University Hospital
- 80% of admissions from ED
- 24,000 medical discharges/yr
YALE-NEW HAVEN HOSPITAL
SAINT RAPHAEL CAMPUS

- 500 beds
- Outpatient /Inpatient visits 13,500/14,500
- Training site for Yale residents, medical students and PA students
WEST HAVEN VA HOSPITAL

- 188 Beds
- Outpatient/Inpatient visits 556,000/5000
- Full time faculty on site
- Centers for excellence in Hepatitis C, Renal Dialysis, Sleep Apnea, Aging Veterans with HIV
- Active research institution
  - $47 million research grants
TRADITIONAL CHIEF RESIDENTS (2019-20)

Rebecca Slotkin, MD
Bailey Fitzgerald, MD
Leila Haghighat, MD
Ethan Bernstein, MD
Andrew Levin, MD
PRIMARY CARE CHIEF RESIDENTS (2019-20)

Emilie O’Neill, MD

Emily Pinto Taylor, MD

Hannah Rosenblum, MD

Sumit Kumar, MD
## Rotation Schedule Preliminary Track

Each rotation block is 4 weeks in duration, 13 blocks per year.

<table>
<thead>
<tr>
<th>Category</th>
<th>Blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inpatient Medicine</strong></td>
<td>7.0 blocks total</td>
</tr>
<tr>
<td>Medical Wards</td>
<td>6.0 – 6.5 blocks</td>
</tr>
<tr>
<td>MICU</td>
<td>0.5 – 1.0 blocks</td>
</tr>
<tr>
<td><strong>Neurology</strong></td>
<td></td>
</tr>
<tr>
<td>Stroke Service</td>
<td>1.0 block</td>
</tr>
<tr>
<td>SRC Consult/NICU</td>
<td>0.5 blocks</td>
</tr>
<tr>
<td><strong>Emergency Department</strong></td>
<td></td>
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<tr>
<td>0.5 blocks</td>
<td></td>
</tr>
<tr>
<td><strong>Ambulatory Medicine</strong></td>
<td></td>
</tr>
<tr>
<td>0.5 blocks</td>
<td></td>
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<tr>
<td><strong>Backup/Jeffordy Rotation</strong></td>
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<tr>
<td>0.5 blocks</td>
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<tr>
<td><strong>Electives</strong></td>
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<tr>
<td>2 blocks – can be clinical or research</td>
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<tr>
<td><strong>Vacation</strong></td>
<td></td>
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<tr>
<td>1 block scheduled as two 2-week rotations</td>
<td></td>
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</tbody>
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MORE THAN TRAINING…

• Governance
  • Executive Council
  • Program Evaluation Committee
  • Note Writing Committee

• Interest Groups
  • The Beeson Beat
  • The Beeson Bombers
  • Arts
  • Journal Clubs
  • Social Justice (e.g., Refugee Clinic)
QUESTIONS?
3 D REFORMATTED IMAGES
3 D REFORMAT WITH COLOR
FAQS

- Curriculum structure:
  - 3 year curriculum cycle. Curriculum repeated twice every 1.5 years
  - Robust physics curriculum, repeated every year, i.e., thrice before the written boards. National physics course before boards.
  - IR program – all 3 pathways will be available.

- Focused fourth year:
  - Blocks of 3 months each: 2 elective blocks, 1 selective block and 1 mandatory block
RADIOLOGY RESIDENCY GOALS

- Well Resourced: To have superb facilities, faculty and teaching material
- Innovative: To continue to work well beyond mandates.
- Well Balanced: To be strong clinically and in research

To continue to be the world’s premiere institute for training Radiology Residents
VISION

- When you leave here, not only are you an excellent radiologist, but you also aspire to be the world expert in your chosen sub-specialty and have been imbued with the spirit and imparted with the skills to achieve this goal.