

Some basic information of our program

- We are currently in year 14 of the training grant, with a focus to train postdoctoral fellows in pulmonary sciences
- Current leadership: A. Gaggar (PD), Merry-Lynn McDonald (Assoc PD), Surya Bhatt (Assoc PD), Mark Dransfield (Assoc PD)
- Since the inception of the program, we have had a total of 29 trainees who have completed the program and 6 trainees currently in the program.
- At last submission, we had 35 mentors, covering a variety of disciplines from basic science to population studies. **These 35 mentors have trained over 100 postdoctoral fellows.**

Structure of the Program

- We request that postdoctoral candidates make at least a 2 year commitment to the program
- An optional 3rd year is available
- We have a maximum of 6 postdoctoral trainees at any given moment. Consideration of increasing this to 7-8 since number has not increased for almost ten years
- Each trainee has a 2 mentors (primary and secondary).
- Each trainee is expected to have a mentor committee-meetings expected twice a year at minimum

Structure of Program (cont)

- Initially committee functions like a PhD committee (vetting project/data, direction of research). Towards the end of time, transitions to a career development committee (plans for grant, aims pages, etc)
- PRESS lectures-series of monthly lecture topics mixed in with journal club. Run by Drs. Lafon and Genschmer. Required for T32, encouraged to pulm fellows
- We help pay for travel to present data at conferences, educational experiences to enhance research, and external advisory meeting

Current mentor list

Ambalavanan	Namasivayam	Dev Biology, BPD
Antony	Veena	Environment, COPD
Barnes	Jarrod	Pulm HTN, Glycobiol
Bedwell	David	CF mutation, RNA regulation CF therapies
Bhatia	Smita	Cancer outcomes, COPD
Bhatt	Surya	COPD outcomes, imaging, PFT
Blalock	Edwin	Neutrophil, COPD
Carter	A.	Macrophage, ILD
Deshane	Jessy	Immunity Asthma
Dransfield	Mark	COPD clinical trials
Duncan	Steve	Autoimmunity ILD, COPD
Gaggar	Amit	Proteases, CF, COPD, inflammation
Harrod	Kevin	Virology, respiratory infection
Lund	Frances	Immunity, asthma
Matalon	Sadis	Lung injury, inflammation
McDonald	Merry-Lynn	Genetics, COPD
Orihuela	Carlos	Bacteriology, necroptosis
Patel	Rakesh	Redox biology, Lung injury
Randall	Troy	Immunity, influenza
Rowe	Steven	CF therapies, CFTR dystuction
Swords	W.	Bacteriology, CF/COPD
Tiwari	Hemant	Genetics, next-gen seq
Wells	James	COPD, including COPD-CVD
Yoder	Bradley	Ciliary biology

N=24 prior mentors

**In SOM (peds, med, micro/imm, cell bio, anesthesia, path)
and SOPH**

Garcia-Martinez	Victor (viral lung dz)
Oates	Gabriela (population health)
Krick	Stefanie (COPD and CF aging)
Birket	Susan (CF mucus biology)
Green	Todd (structural proteins)
Banazak Holl	Mark (inhalation biology)
Genschmer	Kris (EVs in COPD)
Margaroli	Camilla (Neutrophils lung dz)
Davis	Brian (CF, gene therapy)
Engelhardt	John (CF, A1AT epithelia)
Erdmann	Nathan (Viral dz, critical illness)
Cropsey	Karen (tobacco and opioid use)
Scarinci	Isabel (tobacco, population harm)

N=13 new mentors

**In SOM (OB, med, micro/imm, path)
and SOE**

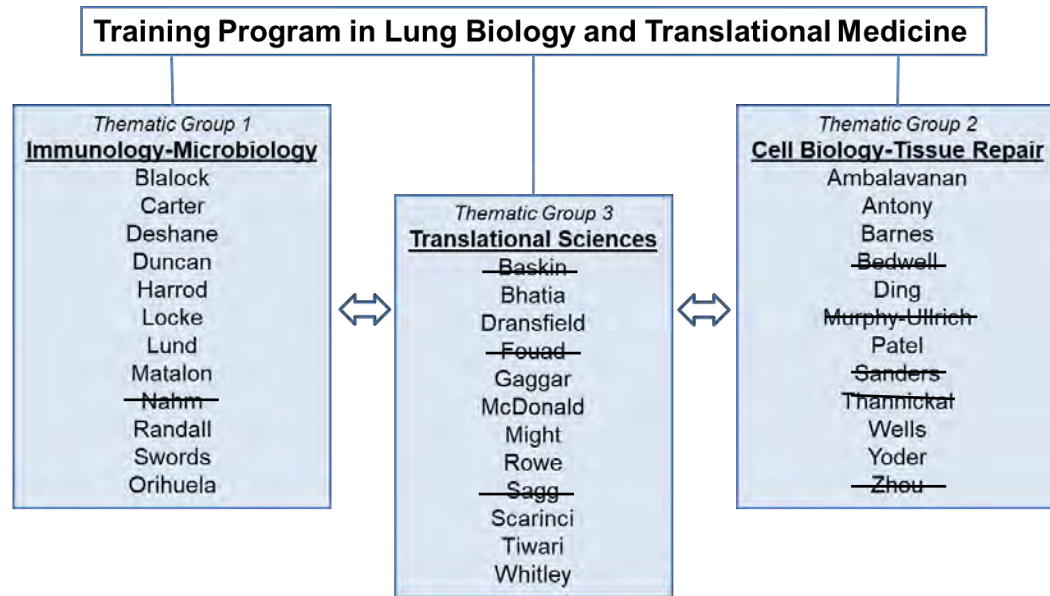
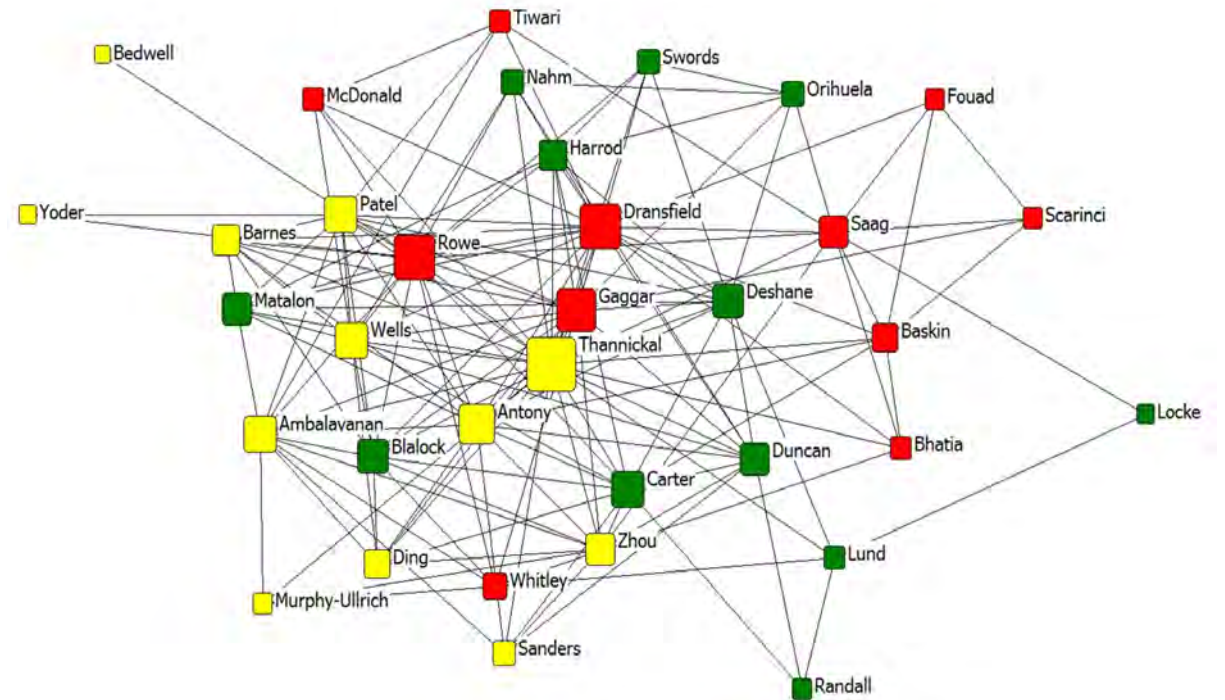


Figure 4: Program Faculty



Current Program Outcomes

- Of the 29 trainees who have completed the program, 25/29 (86%) in academics, 2/29 (7%) are in government agency, and 2/29 are in private practice. 27/29 (93%) have research as a major part of their practice.
- We have 10 of our 29 trainees obtain K grant or equivalent (34%) and 6/29 obtain R01 or equivalent (21%). Overall, 17/29 (56%) have obtained some level of independent grant funding.
- Trainees have published in multiple journal including *NEJM*, *JCI*, *Nature Medicine*, *Cell*, *JAMA*, etc