

## T35 Training Grant Mentors

The following faculty members are associated with the NIH T35 programs as they welcome medical school student involvement in their research and their research often focuses on either heart, lung and blood or on immunology, allergy and infectious disease. Any faculty member can serve as a T35 mentor. Some projects may appear unrelated at first glance, but qualify for one of our programs. Just ask the faculty member if they consider the project within the research mission of the NHLBI or NIAID.

<b>NHLBI-T35 mentors</b>			
<b>Investigator</b>	<b>Research Topics</b>	<b>E-mail</b>	<b>Previous STAR / T35 Trainees (2015-2018)</b>
Majid Afshar, MD	Burn injury and ARDS	Majid.Afshar@lumc.edu	2018: D To 2015: R Dunn
Jordan Beach, PhD	Regulation of myosin 2 assembly and function	jbeach1@luc.edu	
Ken Byron, PhD	Smooth muscle ion channels	kbyron@luc.edu	2017: J Spencer 2017: I Lee
John Callaci, PhD	Alcohol and bone remodeling / repair	jcallaci@luc.edu	2018: H Yee 2018: A Cummuta 2017: P Whiteside 2017: O Vetter 2016: M Mossaddad 2016: C Plesha 2016: A Tsumura 2015: A Ahmed 2015: A Otto 2015: J Eisenberg
Mark Cichon, DO	Use of biomarkers in the ER for early detection of myocardial infarction; gender trends related to chest pain presentation in the ER	mcicho@lumc.edu	2018: T Zimmerman 2018: D Cotton 2017: D Fine 2016: S Rosen 2016: M Taylor
Richard Cooper, MD	Epidemiology of cardiovascular diseases, with emphasis on black populations; genetics of hypertension	rcooper@luc.edu	
Andrew Dingwall, PhD	Cancer gene regulation and epigenetics	adingwall@luc.edu	2018: M Perrin 2018: A Knapp 2017: A Varsanik 2017: M Kroll 2016: R Fagan 2016: F Ospino
Lara Dugas, PhD	Exercise physiology, obesity, and hypertension epidemiology	ldugas@luc.edu	2018: T Reese 2018: S Mehta 2017: H Schaffer 2017: M Poonawalla 2016: H Friedman 2016: J Ni 2015: P Babinski 2015: L Brown
Jawed Fareed, PhD	Vascular diseases; thrombosis; coagulation	jfareed@luc.edu	2018: R Khanna 2017: J Lee 2017: J Hardman 2017: J Bontekoe 2016: D Edberg 2016: K Galicia 2016: L Haacker 2016: C Thorsen

			2015: R McMillan 2015: L Skiadopoulos 2015: C Wanderling 2015: J Liles
Charles Hemenway, MD, PhD	Hematopoiesis and Leukemia	chemenway@lumc.edu	2016: E Chen-Etchison
Debra Hoppensteadt, PhD	Mechanisms of sepsis; drug development	dhoppen@luc.edu	2017: G Wegrzyn 2016: P Patel 2015 A Hesselton
Walter Jeske, PhD	Platelet function; anti-thrombotic therapy	wjeske@luc.edu	2016: N McClane
Jonathan Kirk, PhD	Cardiac pathobiology	jkirk2@luc.edu	
Holly Kramer, MD, MPH	Epidemiology of kidney and cardiovascular disease	hkramer@lumc.edu	2016: D Syed
Ivana Kuo, PhD	Cell signaling in cardiac dysfunction	ikuo@luc.edu	
John Lopez, MD	Interventional cardiology; atherosclerosis; intravascular imaging	jlopez7@lumc.edu	2018: S Robertson 2018: E Cesar 2016: N Kassis 2015: J Weber
Amy Luke, PhD	Cardiovascular disease; epidemiology; energy metabolism	aluke@luc.edu	2018: T Bediako 2017: E Akyar
Seth Robia, PhD	Function of SERCA in the context of human disease, especially heart failure	srobia@luc.edu	
Patrick Stiff, MD	Hematopoietic stem cell transplantation	pstiff@lumc.edu	
Mushabbar Syed, MD	Cardiac imaging; valvular heart disease; coronary artery disease	masyed@lumc.edu	2018: D Patel 2016: S Jabati 2015: J Liles
Bamidele Tayo, PhD	Genetic association mapping of complex diseases; genetic epidemiology of heart and blood diseases	btayo@luc.edu	
Nancy Zeleznik-Le, PhD	Hematopoiesis and leukemia	nzelezn@luc.edu	2017: G van der Voort 2017: J da Silva 2016: M Hilliard 2016: C Silver 2015: E Wittke
Jiwang Zhang, MD, PhD	Hematopoietic stem cells and leukemia	jzhang@luc.edu	2017: C Aakhus
Aleksey Zima, PhD	Regulation of calcium homeostasis in heart	azima@luc.edu	2018: S Bhayani

#### **NIAID-T35 mentors**

<b>Investigator</b>	<b>Research Topics</b>	<b>E-mail</b>	<b>Previous STAR / T35 Trainees</b>
Francis Alonzo, PhD	bacterial pathogenesis	falonzo@luc.edu	2017: R Alcheikh
Susan Baker, PhD	coronavirus replication and pathogenesis	sbaker1@luc.edu	
Larissa Bresler, MD	male and female urinary microbiome as it relates to urological disease	lbresler@lumc.edu	
Ed Campbell, PhD	cellular mechanisms of pathogenesis	ecampbell@luc.edu	2018: O Kwon 2018: K Kubicki 2017: A Grillini 2016: S Nomura

			2016: S Plascencia 2015: J Minalt 2015: S Liebscher
Mashkoor, Choudhry, PhD	gut immunity, inflammation and barrier integrity in response to alcohol and trauma	mchoudhry@luc.edu	2018: E Shim 2018: N Iftekhar 2017: C Park 2015: M Javorski
Mark Cichon, DO	biomarkers for early detection of sepsis	mcicho@lumc.edu	2018: T Zimmerman 2018: D Cotton 2017: D Fine 2016: S Rosen 2016: M Taylor
Nina Clark, MD	infections in immunocompromised hosts	nclark@lumc.edu	
Andrew Dingwall, PhD	epigenetic gene regulation in development and cancer	adingwall@luc.edu	2018: M Perrin 2018: A Knapp 2017: A Varsanik 2017: M Kroll 2016: R Fagan 2016: F Ospino
Qunfeng Dong, PhD	bioinformatics	qdong@luc.edu	
Adam Driks, PhD	mechanisms of microbial spore formation	adriks@luc.edu	
Jawed Fareed, PhD	inflammatory biomarkers, thrombogenesis, and disseminated intravascular coagulation	jfareed@luc.edu	2018: R Khanna 2017: J Lee 2017: J Hardman 2017: J Bontekoe 2016: D Edberg 2016: K Galicia 2016: L Haacker 2016: C Thorsen 2015: R McMillan 2015: L Skiadopoulos 2015: C Wanderling 2015: J Liles
Colleen Fitzgerald, MD	urinary microbiome and pelvic pain	cfitzgerald@lumc.edu	2018: A Perlow 2017: T Petrusevski 2016 H Hansra
Makio Iwashima, PhD	immune modulation and tissue-immune interactions by TGF-beta super family	miwashima@luc.edu	2018: J Tran 2015: D Kim
Katherine Knight, PhD	host microbe interactions and B-cell development	kknight@luc.edu	2014: J Cascio 2016: H Luebke
Phong Le, PhD	T-cell development, bladder mucosa immunology	ple@luc.edu	2016: S Chin 2015: A Dieguez
Herb Mathews, PhD	epigenetics and immunology	hmathew@luc.edu	2018: G Parecki
Elizabeth Mueller, MD	the female urinary microbiome in normal and urologic disease states	emueller@lumc.edu	2017: E Southworth 2015: A Griffin
Katherine Radek, PhD	wound healing, atopic dermatitis, urinary tract infections	kradek1@luc.edu	2017: C Smith 2015: K Bukiri
Susan Uprichard, PhD	viral hepatitis	suprichard@luc.edu	
Karen Visick, PhD	Microbe-host interactions	kvisick@luc.edu	2015: B McCallister
Alan Wolfe, PhD	bacterial physiology and the human microbiome	awolfe@luc.edu	2016: M Abellera 2015: K Ghanayem