

"Mentors in development" (and potential co-mentors).

These junior faculty are in, or emerging from NIH K or comparable career development award cycles. They add expertise to our program research themes, and 3 (Guma, Salem, Stanford) are currently T32 co-mentors. As they develop mentoring skills experientially with trainees (working with more senior faculty in mentoring teams), and by use of mentoring development resources in the **ACTRI Mentoring Core** (described below), each develops sufficient experience to become primary mentor faculty.

i. [Monica Guma, MD/PhD, UCSD](#). Inflammation biology, metabolomics. Dr. Guma is a URM physician-scientist NIH K awardee (Mentor: Dr. Firestein), and was previously mentored by Dr. Karin. She has her own lab space, has obtained multiple limited-term extramural awards, and is primary mentor to two European postdocs that she attracted to UCSD. She studies mechanisms of chronic inflammation, and modulation by metabolic changes in cells, especially in RA and in synoviocytes.

ii. [Jan Hughes-Austin, PT/PhD, UCSD](#). Epidemiology. A clinical physical therapist and epidemiologist, and NIH K awardee (formerly mentored by Dr. Ix), her work focuses on linkages between RA, cardiovascular disease, and bone, and the roles of RA-related ACPA. She collaborates in cohort studies (Multi-Ethnic Study of Atherosclerosis (MESA), Studies of the Etiology of Rheumatoid Arthritis, Cardiovascular Health Study, Study of Osteoporotic Fractures, and Study of Osteoporotic Fractures in Men). She has started to research mentor MDs in the Orthopedics Residency program.

iii. [Rany Salem, PhD, UCSD](#). Genetic Epidemiology. A K99 awardee genetic epidemiologist trained at Broad Institute, he works closely with Drs. LaCroix and Chambers in UCSD Epidemiology. He is developing collaborations with T32 faculty, and co-mentors T32 trainee Dr. Shadyab in OA genetic epidemiology.

iv. [Stephanie Stanford, PhD, UCSD](#). Cell signaling and biochemistry in innate and adaptive immunity. An ADA Initiator awardee, Dr. Stanford was formerly mentored by Dr. Nunzio Bottini at LJI, and, with Dr. Bottini, moved to UCSD in 2016. Her work focuses on T cell and fibroblastic cell signaling and biochemistry in rheumatic disease, including PTPN22 biology, and joint damage mechanisms.