| **Research Track Model** | **Time commitment beyond 3-year residency** | **When resident chooses to participate?** | **Additional degree included or required?** | **Other key elements** | **Where does this model exist?** |
| --- | --- | --- | --- | --- | --- |
| Research Fellowship | 1-2 year fellowship | Before graduation from residency | Usually MPH or equivalent | Mentored research in structured fellowship | Medical College of WisconsinBaylor College of MedicineCox FMR in Springfield, MODartmouthInstitute for Family HealthThomas Jefferson UniversityUniversity of BuffaloUCLAUCSFUNCU WisconsinFrom <https://www.aafp.org/medical-education/directory/fellowship/results> University of Illinois at Chicago (Academic Careers Fellowship)Virginia Commonwealth UniversityUniversity of ColoradoBoston Medical Center2021 update:University of Missouri-ColumbiaPenn StateFamily Medicine/Community Health, Rutgers Robert Wood Johnson Medical SchoolUC Davis School of MedicineIcahn School of Medicine at Mount SinaiUniversity of OttawaUniversity of MichiganUniversity of Alabama at BirminghamJacobs School of Medicine, University at Buffalo, State University of New York Department of Family MedicineEmory University of RochesterUniversity of Utah |
| Physician Scientist Pathway | Extended residency by another 1-2 years | As incoming intern or in R1 year (may have special Match designation) | may have the option to complete a Master’s degree in health policy, population health, public health, or related fields; depends on individual and program | Coordinated training and mentoring to develop the skills necessary to become an independently funded physician-scientist. Trainees will develop skills in quantitative and/or qualitative research, and scientific writing with expectations of high-quality peer-reviewed publications and competitive NIH K-awards, R-type, or similar grant applications at the end of the training period. | See: <https://adfm.org/programs/physician-scientist-pathway/> incl U Utah and Duke have NIH R38 (1 year extension to residency if go on R38)2021 updates:UC Davis School of MedicineUniversity of Kansas School of Medicine |
| Research track + degree | 1 year extension |  | MPH |  | University of Nebraska (MPH funded by department) 2021 update:University of Missouri-ColumbiaPenn StateFamily Medicine/Community Health, Rutgers Robert Wood Johnson Medical SchoolIcahn School of Medicine at Mount SinaiUniversity of Kansas School of Medicine - WichitaThe Ohio State University |
| Community Action Research Track (CART) | May do a Community Health fellowship post-residency | In R1 year | Certificate in public health; may include MPH if do fellowship component | The CART program is longitudinal in the 2nd and 3rd years of the program and does provide some protected time for course work and research | UT SouthwesternUT Health San Antonio |
| Research track (scholar program)  | No extension of residency training | In R1 year; some require application process  | No  | Longitudinal protected time for research (uses elective time) | University of Kansas University of WashingtonUniversity of ChicagoDukeWest Virginia University2021 Update:University of Missouri-ColumbiaWestern Michigan University Homer Stryker M.D. School of MedicineUniversity of Wisconsin-MadisonUniversity of Kansas School of Medicine University of Minnesota University of ChicagoMayo ClinicUniversity of OttawaUCSFUniversity of ColoradoUT Health San AntonioJacobs School of Medicine, University at Buffalo, State University of New York Department of Family MedicineOregon Health and Science University |
| Expectation of all residents to do some research or get some research training | No extension of residency training | n/a; begins intern year  | No | Some have specific expectations (capstone project); some have dedicated faculty and research associate time; some have funds to support presentations at regional, state, and national conferences. | Oregon Health & Science UniversityUniversity of Illinois at ChicagoUT Health San AntonioThomas Jefferson University2021 update:University of Missouri-ColumbiaPenn StateMaine Medical CenterUT SouthwesternUniversity of Missouri-Columbia |
| Medical Informatics Fellowship | 1-2 years | after residency |  | Structured format | 2021 update:University of Illinois at ChicagoLSU Health School of Medicine - ShreveportUniversity of Minnesota University of North CarolinaMayo ClinicUCSFUT SouthwesternUniversity of Michigan |

**Comments from the survey:**

Point system requirement in addition to the ACGME requirements - Medical College of Georgia, Augusta University

Career Development Fellowship through the Center for Translational Research at Brown - Brown

We have additional research opportunities for residents and medical student but they don't fit into the categories defined above. - University of Kansas School of Medicine – Wichita

Master of science in academic medicine - University of Missouri-Columbia

PhD in translational biosciences with population health concentration, FM physicians and scholars encouraged! - University of Missouri-Columbia