| **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 Wisconsin  Baylor College of Medicine  Cox FMR in Springfield, MO  Dartmouth  Institute for Family Health  Thomas Jefferson University  University of Buffalo  UCLA  UCSF  UNC  U Wisconsin  From <https://www.aafp.org/medical-education/directory/fellowship/results>  University of Illinois at Chicago (Academic Careers Fellowship)  Virginia Commonwealth University  University of Colorado  Boston Medical Center  2021 update:  University of Missouri-Columbia  Penn State  Family Medicine/Community Health, Rutgers Robert Wood Johnson Medical School  UC Davis School of Medicine  Icahn School of Medicine at Mount Sinai  University of Ottawa  University of Michigan  University of Alabama at Birmingham  Jacobs School of Medicine, University at Buffalo, State University of New York Department of Family Medicine  Emory  University of Rochester  University 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 Medicine  University of Kansas School of Medicine |
| Research track + degree | 1 year extension |  | MPH |  | University of Nebraska (MPH funded by department)  2021 update:  University of Missouri-Columbia  Penn State  Family Medicine/Community Health, Rutgers Robert Wood Johnson Medical School  Icahn School of Medicine at Mount Sinai  University of Kansas School of Medicine - Wichita  The 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 Southwestern  UT 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 Washington  University of Chicago  Duke  West Virginia University  2021 Update:  University of Missouri-Columbia  Western Michigan University Homer Stryker M.D. School of Medicine  University of Wisconsin-Madison  University of Kansas School of Medicine  University of Minnesota  University of Chicago  Mayo Clinic  University of Ottawa  UCSF  University of Colorado  UT Health San Antonio  Jacobs School of Medicine, University at Buffalo, State University of New York Department of Family Medicine  Oregon 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 University  University of Illinois at Chicago  UT Health San Antonio  Thomas Jefferson University  2021 update:  University of Missouri-Columbia  Penn State  Maine Medical Center  UT Southwestern  University of Missouri-Columbia |
| Medical Informatics Fellowship | 1-2 years | after residency |  | Structured format | 2021 update:  University of Illinois at Chicago  LSU Health School of Medicine - Shreveport  University of Minnesota  University of North Carolina  Mayo Clinic  UCSF  UT Southwestern  University 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