

Data Supplement S3

Table 1. Characteristics from emergency medicine K awardees, n=45	
Characteristic	n (%)
Age, median (IQR)	36 (35-38)
Male	33 (73.3)
Race/ethnicity	
- Black or African American	1 (2.2)
- American Indian or Pacific Islander or Alaska Native	0 (0)
- Asian	13 (28.9)
- Hispanic or Latino	2 (4.4)
- Other race/ethnicity	0 (0)
- No response	2 (4.4)
Years from residency to K award, median (IQR)	6 (4-7)
Completed research fellowship prior to K award	27 (60.0)
Any advanced degree other than MD/DO prior to K award	26 (57.8)
Degrees prior to award	
- MD/DO	42 (93.3)
- MS (Master of Science)	13 (28.9)
- MPH (Master of Public Health)	9 (20.0)
- MA (Master of Arts)	1 (2.2)
- MAS (Master of Advanced Studies)	1 (2.2)
- PhD (Doctor of Philosophy)	2 (4.4)
- MSCE (Master of Science in Clinical Epidemiology)	1 (2.2)
Primary mentor on K award is from emergency medicine	11 (24.4)
Primary mentor on K award is at same institution	43 (95.6)
Career development award prior to K award	18 (40.0)
- Emergency Medicine Foundation	4 (8.9)
- Society of Academic Medicine	2 (4.4)
- KL2	1 (2.2)
- K12	2 (4.4)
- F32	2 (4.4)
- T32	3 (6.7)
- Robert Wood Johnson Clinical Scholar Program	2 (4.4)
- Other prior career development award	8 (17.8)
Federal funding prior to K award	8 (17.8)
Institutional funding (departmental or intramural) prior to K award	36 (80.0)
Foundation or industry funding prior to K award	29 (64.4)
Any funding (federal, institutional, foundation, or industry) prior to K award	45 (100)
Academic title at time of K award	
- Assistant Professor	38 (84.4)
- Associate Professor	2 (4.4)
- Instructor	5 (11.1)
Number of applications for K award (including award)	
- one	25 (55.6)
- two	7 (15.6)

- three	12 (26.7)
- four	0 (0)
- five or more	1 (2.2)
Obtained an advanced degree during K award	16 (35.6)
- MS	7 (15.6)
- MPH	4 (8.9)
- MA	1 (2.2)
- MAS	1 (2.2)
- PhD	3 (6.7)
Principal Investigator (PI) or co-PI on R01 equivalent awarded since K award	10 (22.2)
PI or co-PI on R01 equivalent application since K award	22 (48.9)
Number of R01 equivalent applications since K award	
- one	8 (17.8)
- two	7 (15.6)
- three	2 (4.4)
- four	2 (4.4)
- five or more	3 (6.7)
PI or co-PI on federal non-R01 awarded since K award	10 (22.2)
PI or co-PI on federal non-R01 application since K award	24 (53.3)
Number of federal non-R01 applications since K award	
- one	9 (20.0)
- two	7 (15.6)
- three	1 (2.2)
- four	2 (4.4)
- five or more	5 (11.1)
Percent of time currently dedicated to research activities	
- 50% or greater	34 (75.6)
- 75% or greater	27 (60.0)
Current administrative positions	
- Department/division chair	0 (0)
- Department/division vice-chair	8 (17.8)
- Research director	10 (22.2)
- Research fellowship director	2 (4.4)
- Other administrative position	11 (24.4)

Area of specialty	n (%)
Cardiovascular emergencies	8 (17.8)
Neurology	6 (13.3)
Other area of research	6 (13.3)
Geriatrics	5 (11.1)
Public health	5 (11.1)
Toxicology	5 (11.1)
Critical care	4 (8.9)
Emergency medical services	4 (8.9)
Epidemiology	4 (8.9)
Outcomes/cost-effectiveness	4 (8.9)
Infectious diseases	3 (6.7)
Pain management	3 (6.7)
Pulmonary/respiratory	3 (6.7)
Trauma	3 (6.7)
Alcohol/drug-related emergencies	2 (4.4)
Clinical guidelines	2 (4.4)
Domestic violence	2 (4.4)
Health policy/health care delivery	2 (4.4)
Injury prevention/injury control	2 (4.4)
Medical imaging	2 (4.4)
Pediatrics	2 (4.4)
Ultrasound	2 (4.4)
Cutaneous disorders/dermatology	1 (2.2)
Educational concepts/teaching	1 (2.2)
Ethics	1 (2.2)
Hematologic emergencies	1 (2.2)
Medical error	1 (2.2)
Obstetrics/gynecology	1 (2.2)
Psychobehavioral emergencies	1 (2.2)
Resuscitation, pediatric	1 (2.2)
Wound management/healing	1 (2.2)
Abdominal/gastrointestinal	0 (0)
Airway management	0 (0)
Alternative therapies	0 (0)
Burns	0 (0)
Clinical pharmacology	0 (0)
Diagnostic testing (non-imaging)	0 (0)
Disaster medicine	0 (0)
Environmental emergencies	0 (0)
Genitourinary emergencies	0 (0)
Hyperbaric medicine	0 (0)
Immunologic disorders	0 (0)
Informatics	0 (0)
International emergency medicine	0 (0)

Managed care	0 (0)
Medical economics	0 (0)
Medical legal Issues	0 (0)
Metabolic disorders	0 (0)
Observation medicine/observation units	0 (0)
Ophthalmology	0 (0)
Orthopedics/musculoskeletal disorders	0 (0)
Palliative/end-of-life care	0 (0)
Resuscitation, neonatal	0 (0)
Resuscitation, out-of-hospital	0 (0)
Sexual assault	0 (0)
Sports medicine	0 (0)
Technology assessment	0 (0)

* more than one may be selected