INTRODUCTION TO K AWARDS:

K awards support career development; generally they provide PI salary and limited funds for research. Salary funds provide protected time for investigators to devote to research, rather than to clinical or teaching activities. K awards are compatible with other research awards, such as R awards—investigators can have both a K award and an R award at the same time. Note: some awards are offered by only a few institutes. K awards are briefly described below and grouped according to career stage.

EARLY CAREER AWARDS:

K01 Mentored Research Scientist Development Award

Purpose: Provides support and protected time (3-5 years) leading to research independence for intensive, supervised career development in biomedical, behavioral, or clinical sciences. A mentor is required. In some institutes/centers, supports both training in new field and workforce diversity. Awardees are encouraged to apply for other research grants.

Budget: Provides salary and research support over 3-5 years. Support varies by institute, ranging from $50k to $105k/year for salary plus fringes and $20k to $50k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K01 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-040 (K01 parent announcement)
Also see other institute-specific K01 announcements.

K02 Independent Scientist Award

Purpose: Fosters development of outstanding scientists, so that they can significantly contribute to research field; provides protected time for newly independent scientists who need intensive research time. Usually requires investigators to have another grant. Currently offered only by NIDA, NIAAA, and NCI.

Budget: Provides salary and research support over 3-5 years. Support varies by institute, ranging from $75k to $100k/year for salary plus fringes and $25k to $50k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. Renewable one time.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)
**K07 Academic Career Award**

**Purpose:** This award has two types: 1) The *development* award for junior investigators to develop academic, research, and educational expertise and 2) The *leadership* award for senior investigators to improve curricula and enhance research capacity. Awardees are encouraged to apply for other research grants.

**Budget:** The *development* award provides salary and research support over 3-5 years. Support varies by IC, up to $75k/year for salary plus fringes and $25k–$50k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K07 awards are not renewable. More information on the *leadership* award is below.

**Due Dates:** February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

**Links:** [PA-09-041](#) (K07 parent announcement)
Also see other institute-specific K07 announcements.
Currently offered only by NIA, NIAAA, NCCAM, and ODS.

**K08 Mentored Clinical Scientist Development Award**

**Purpose:** Provides protected time to investigators with a clinical doctoral degree to carry out intensive, *supervised* research in biomedical and behavioral research, including translational research. Awardees are encouraged to apply for other clinical research grants.

**Budget:** Provides salary and research support over 3-5 years. Support varies by IC, ranging from $75k to $105k/year for salary plus fringes and $20k to $80k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K08 awards are not renewable.

**Due Dates:** February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

**Links:** [PA-09-042](#) (K08 parent announcement)
Also see other institute-specific K08 announcements.
The NIGMS has FAQs for K08 and K23 awards [here](#).
K12 Mentored Clinical Scientist Development Program Award

Purpose: Trains and mentors early career scientists, especially postdoctoral physician-scientists, and leads to research independence. Awardees are encouraged to apply for other research grants.

Budget: Provides salary and research support up to 5 years. Support varies by IC, ranging from $75k to $90k/year for salary plus fringes, and $30k to $50k/year for research support. Requires 75% to 100% FTE towards research. Provides indirect costs of 8% of direct costs. K12 awards are renewable one time.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: Institute-specific K12 announcements include the following specialized program announcements called PARs:

PAR-06-449 (NCI), PAR-06-470 (NIGMS–relevant to minorities), PAR-08-197 (NINDS), and PAR-07-346 (NIDA)

K18 Career Enhancement Award for Stem Cell Research

Purpose: Enables investigators to change their research directions or broaden their scientific background by acquiring new research capabilities, specifically in the use of human or animal embryonic, adult, or cord-blood stem cells. Awardees are encouraged to apply for other research grants.

Budget: Provides salary and research support over 3-5 years. Salary support varies by IC, ranging from $75k/year (for junior investigators) to up to the NIH salary cap plus fringes (for mid-career and senior investigators). Up to $50k/year for research support. Requires at least 50% FTE towards research. Provides indirect costs of 8% of direct costs. K18 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-110 (K18 parent announcement)
Currently offered only by NHLBI, NCI, NIAAA, NIDDK, and NIEHS.
K22 Career Transition Award

Purpose: Supports the transition of a postdoctoral fellow to a faculty position (not automatic). Investigators are encouraged to apply for other research grants.

Budget: At institutions outside of NIH, this award provides salary and research support for up to three years in a mentored position, followed by up to 2 years in an independent position—a total of 5 years of support. Support varies by IC, up to $100k/year for salary plus fringes, and up to $50k for research support. Requires a commitment of 75% FTE. Provides indirect costs of 8% of direct costs. K22 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: Institute-specific K22 announcements include the following specialized program announcements: PAR-09-059 (NIAAA), PAR-09-069 (NCI, diversity), PAR-09-089 (NCI), and PAR-09-068 (NIAID). Note that some institutes fund post-doctoral fellows who work at NIH (i.e., “intramural” support).

K23 Mentored Patient-Oriented Research Career Development Award

Purpose: Prepares research-oriented clinicians to develop independent, patient-oriented research skills; gain experience in advanced methods and experimental approaches; and translate biomedical research discoveries to clinical settings. Awardees are encouraged to apply for other research grants, especially R01 grants.

Budget: Provides salary and research support over 3-5 years. Support varies by IC, ranging from $75k to $105k/year for salary plus fringes, and $25k to $80k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K23 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-043 (K23 parent announcement)
Also see other institute-specific K23 announcements.
K25 Mentored Quantitative Research Career Development Award

Purpose: Provides support and supervised protected time for investigators with quantitative and engineering backgrounds, who have not previously focused on health and disease, to integrate their expertise with NIH-relevant research, such as systems biology. Awardees are encouraged to apply for other research grants.

Budget: Provides salary and research support over 3-5 years. Support varies by IC, ranging from $75k to $105k/year for salary plus fringes, and $20 to $50k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K25 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-039 (K25 parent announcement) Also see other institute-specific K25 announcements.

K99/R00 NIH Pathway to Independence Award

Purpose: Gives promising postdoctoral scientists both mentored and independent research support to facilitate their timely career transitions to an independent research position. Awardees are expected to compete for independent R01 support.

Budget: Provides salary and research support for up to 2 years of mentored support, followed by up to 3 years of independent research support—a total of 5 years of support. Support varies by IC, ranging from $50k to $105k/year for salary plus fringes, and $20k to $50k/year for research support. Requires 75% FTE towards research. Provides indirect costs of 8% of direct costs. K99/R00 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-036 (K99/R00 parent announcement) Also see other institute-specific K99/R00 announcements. For more information, see Q&A and Pathway to Independence.
MID-CAREER AWARDS:

**K24 Midcareer Investigator Award in Patient-Oriented Research**

**Purpose:** Provides support and protected time for mid-career clinician investigators (Associate Professor or equivalent) to perform patient-oriented research and to mentor clinical residents and fellows and/or junior clinical faculty. Awardees are encouraged to apply for other research grants.

**Budget:** Provides salary and research support over 3-5 years. Salary support is up to the salary cap plus fringe benefits, for 25-50% effort, and up to $25K to $50k/year for research support. Requires 25% to 50% FTE towards research. Provides indirect costs of 8% of direct costs. K24 awards are renewable one time.

**Due Dates:** February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

**Links:** [PA-09-037](#) (K24 parent announcement)
Also see other institute-specific K24 announcements.

**K26 Midcareer Investigator Award in Mouse Pathobiology Research**

**Purpose:** Provides protected time for established pathobiologists to perform mouse pathobiology research and mentor beginning investigators. Awardees are encouraged to apply for other research grants.

**Budget:** Provides salary and research support over 3-5 years. Salary support is for 25-50% effort up to the salary cap plus fringes. Provides up to $25k/year for research support. Requires 25% to 50% FTE towards research. Provides indirect costs of 8% of direct costs. K26 awards are not renewable.

**Due Dates:** February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

**Links:** [PAR-09-053](#) (K26 program announcement)
Currently offered only by NCRR and NIA.
LATE CAREER AWARDS:

K05 Senior Scientist and Mentorship Award

Purpose: Provides protected time for senior scientists, so that they can focus on their research and mentor new investigators. Investigators are encouraged to apply for other research grants.

Budget: Provides salary and research support over 3–5 years. Salary support is for 75% effort, with a cap of $90k/year from NIDA, plus fringes. Although research support is expected to come from other grants, up to $25k/year for mentored training support is provided at $5000 per mentee. Requires 75% FTE towards research; 25% of FTE should be devoted to mentoring. Provides indirect costs of 8% of direct costs. K05 awards are renewable one time.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-076 (K05 program announcement offered only by NIDA and NIAAA) Also see other institute-specific K05 announcements.

K07 Academic Career Award

Purpose: This award has two types: 1) The development award for junior investigators to develop academic, research, and educational expertise, and 2) The leadership award for senior investigators to improve curricula and enhance research capacity. Awardees are encouraged to apply for other research grants.

Budget: The leadership award provides salary and research support over 2-5 years. Support varies by IC—25-50% effort, up to the salary cap plus fringes. Requires 25%-50% FTE towards leadership activities. Provides indirect costs of 8% of direct costs. K07 awards are not renewable.

Due Dates: February 12, June 12, and October 12 (for new applications) or March 12, July 12, and November 12 (for renewals, resubmissions, and revisions)

Links: PA-09-041 (K07 program announcement offered only by NIA, NIAAA, NCCAM, and, indirectly, ODS.) Also see other institute-specific K05 announcements.
USEFUL REFERENCES AT NIH:

- NIH extramural training grant mechanisms
- K Kiosk–Information about NIH Career Development Awards
- Career award wizard
- Career development awards at NIGMS, including FAQs

USEFUL REFERENCES AT STANFORD:

- Research Management Group’s information on K99/R00 and K22 awards
- Office of Research Administration’s K award resource page
- Department of Anesthesia contacts:
  - Michael Helms (650) 721-6119
  - Patricia Rohrs (650) 483-7584
  - Frances Davies (650) 493-5000 ext. 64584

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