## Grant Programs Supported by NINR

### Research Grants

- **R01**
  - NIH Research Project Grant Program (R01)
  - Used to support a discrete, specified, circumscribed research project
  - NIH’s most commonly used grant program
  - No dollar limit unless specified in FOA
  - Advance permission required for $500K or more (direct costs) in any year
  - Generally awarded for 3-5 years

- **R15**
  - NIH Academic Research Enhancement Award (AREA)
  - Support small research projects conducted in institutions of higher education that have not been major recipients of NIH research grant funds
  - Eligibility limited (see area.nih.gov)
  - Direct cost limited to $300,000 over entire project period
  - Project period up to 3 years

- **R21**
  - NIH Exploratory/Developmental Research Grant Award (R21)
  - Encourages new exploratory research projects by providing support for the early stages of project development or for pilot and feasibility studies.
  - Limited to two years of funding
  - Combined budget for direct costs for the two year project period usually may not exceed $275,000.
  - No preliminary data is generally required

### Small Business Grants

- **R43/R44**
  - Small Business Innovative Research (SBIR)
  - Funds early stage small businesses that are seeking to commercialize innovative biomedical technologies
  - Eligibility limited to U.S. small business concerns
  - The primary employment of the Project Director/Principal investigator (PD/PI) must be with the small business concern.

- **R41/R42**
  - Small Business Technology Transfer (STTR)
  - Similar to the NIH SBIR program, but requires that the small business formally collaborate with a research institution
  - Eligibility limited to U.S. small business concerns
  - Project Director/Principal investigator (PD/PI) may be employed with the SBC or the participating non-profit research institution

### Training and Career Awards

- **F31**
  - Ruth L. Kirschstein Predoctoral Individual National Research Service Award – supervised training for predoctoral individuals leading toward the research doctoral degree

- **F32**
  - Ruth L. Kirschstein Postdoctoral Individual National Research Service Award – for postdoctoral research training

- **F33**
  - Ruth L. Kirschstein National Research Service Awards for Senior Fellows - for experienced scientists to make major research career changes, or acquire new research capabilities

- **K01**
  - Mentored Research Scientist Career Development Award - postdoctoral or early career research scientists for advanced research training and additional experience

- **K23**
  - Mentored Patient-Oriented Research Career Development Award - for career development of clinically trained professionals carrying out patient-oriented research

- **K24**
  - Midcareer Investigator Award in Patient-Oriented Research - for mid-career clinicians; provides protected time for patient-oriented research and for mentoring beginning clinical investigators

- **K99/R00**
  - Pathway to Independence Award – initial mentored research experience (K99) followed by independent research (R00) for highly qualified, postdoctoral researchers, to secure an independent research position

- **T32**
  - Ruth L. Kirschstein Institutional National Research Service Award - To enable institutions to recruit individuals for predoctoral and/or postdoctoral research training in specified scientific areas

### Three-Phase Programs

- **Phase I: Feasibility and Proof of Concept:** $<150,000 total costs for 6 months (SBIR) or 1 year (STTR).
- **Phase II: Research/Research and Development**
  - Only Phase I awardees are eligible for a Phase II award.
  - $<1,000,000 total costs for 2 years.
- **Phase III: Commercialization**
  - Not supported by NIH.