

GREEN SCHOLARS IN CLINICAL AND TRANSLATIONAL SCIENCE (K12) PROGRAM INFO SESSION

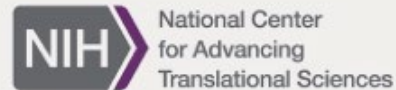
K12 directors:
Jon Lurie, MD, MS
Deborah Hogan, PhD

Green Scholars in Clinical and Translational Science K12 Program

- Named in memory of the late Alan Green, MD, former Principal Investigator for SYNERGY CTSA from 2013–2020
- Aims to identify, select, and provide structured training, mentoring, and protected research time for early-career faculty to support their development into rigorous, independently funded clinical and translational scientists.
- Equip each Scholar with specific knowledge, skills, and connections to advance their careers through additional individually tailored training and networking opportunities.

Translational Science

TRANSLATIONAL SCIENCE IS IMPROVING THE PROCESS:



Learn more at:
ncats.nih.gov



Understanding what's similar across diseases to help develop multiple treatments at a time



Developing models that better predict a person's reaction to a treatment



Enhancing the design and conduct of clinical trials so the results more accurately reflect the patient population

What is translational science?

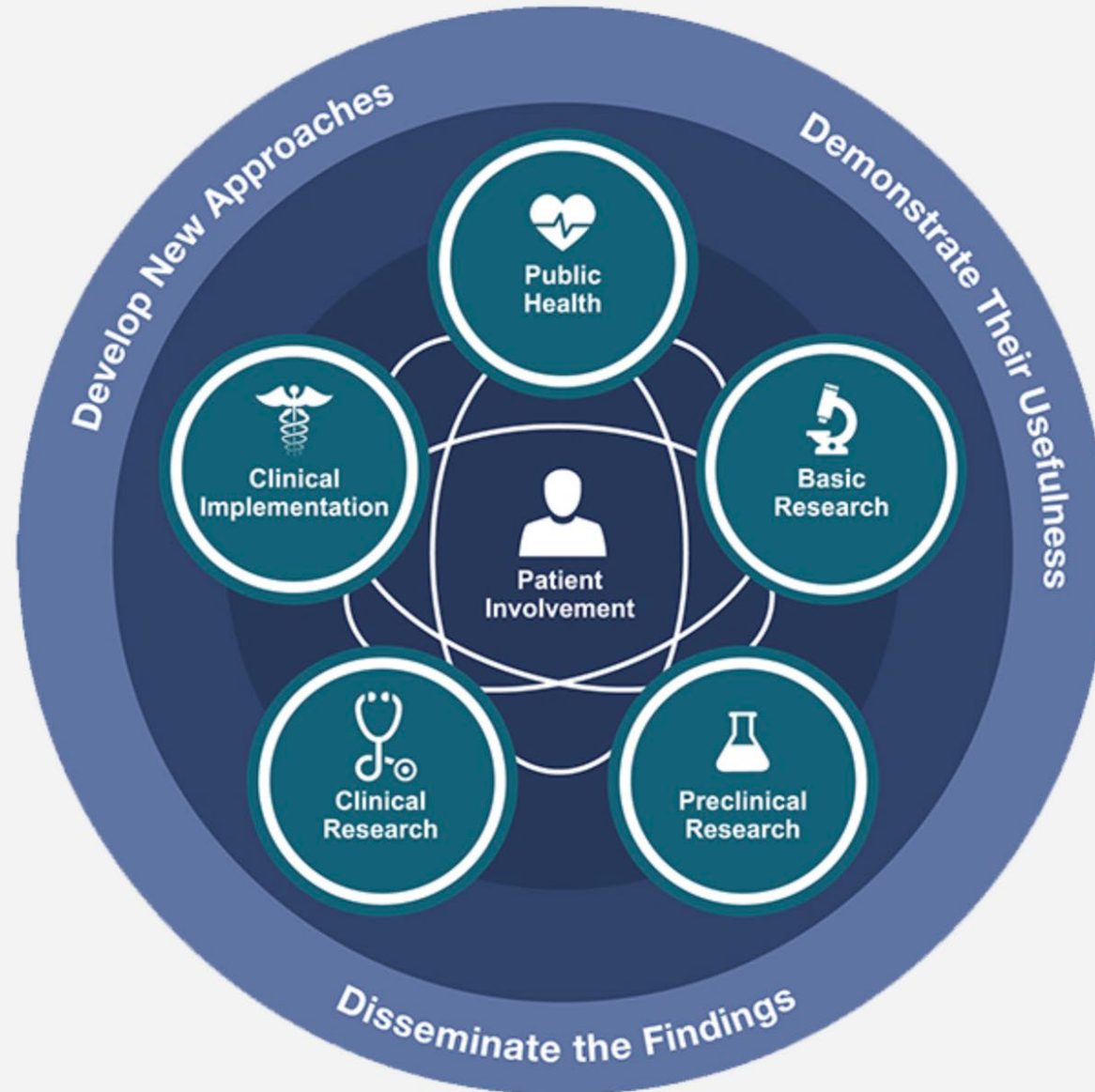
- <https://ncats.nih.gov/about/about-translational-science/principles>
- “Translational science is the field that generates innovations that overcome longstanding challenges along the translational research pipeline. These include scientific, operational, financial and administrative innovations that transform the way that research is done, making it faster, more efficient, and more impactful.”



What are the stages of translational research?

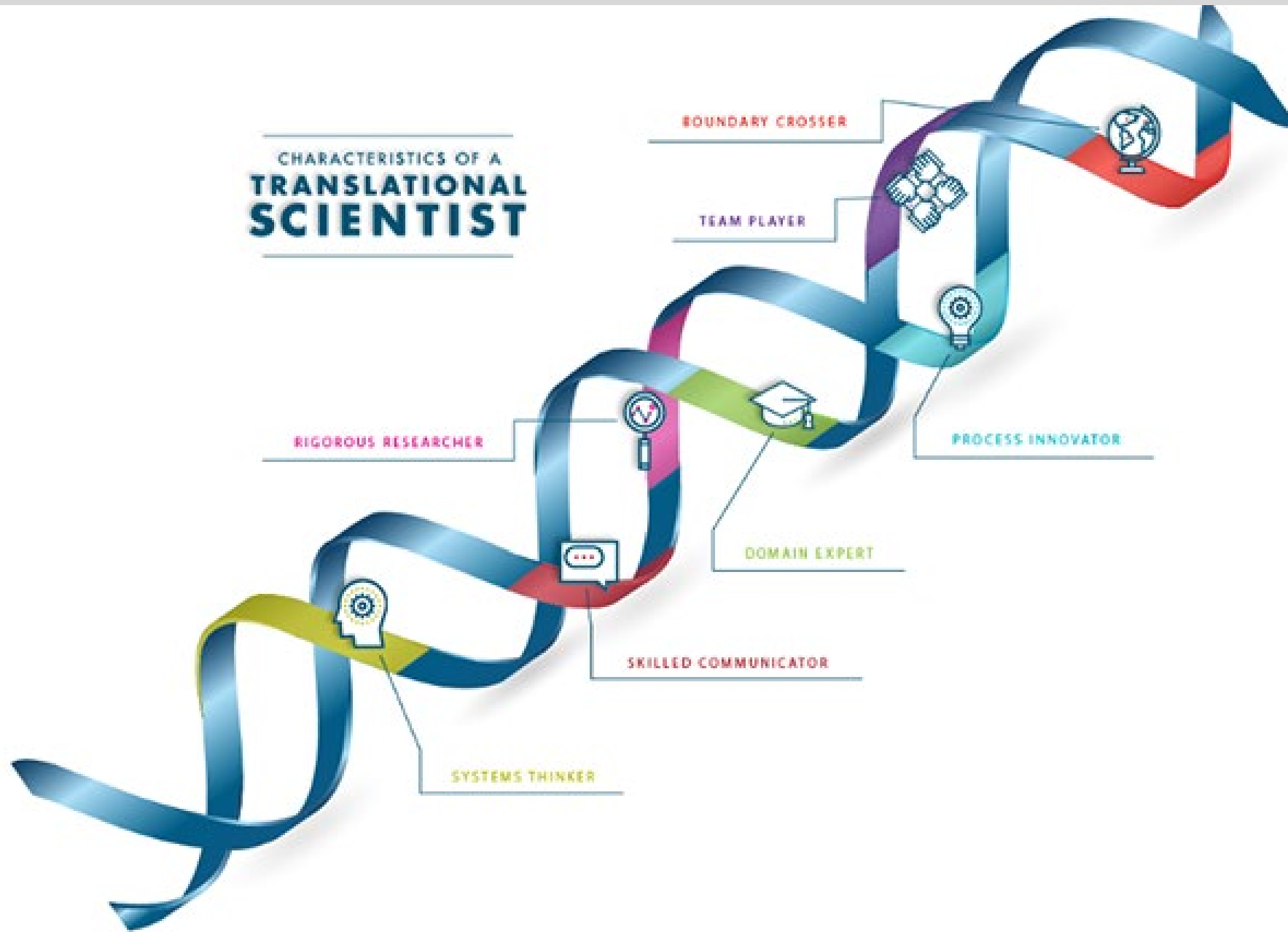
“The translational science spectrum shows the stages of translational research. The stages do not happen in a straight line or in one direction. Each stage builds upon and informs the others. At all stages, our staff and grantees come up with new approaches, prove their usefulness and share the findings. Patient involvement is a key feature of all stages in translation.”

<https://ncats.nih.gov/about/about-translational-science/spectrum>



Credit: National Center for Advancing Translational Sciences

CHARACTERISTICS OF A TRANSLATIONAL SCIENTIST





2025 REQUEST FOR K12 APPLICATIONS

Eligibility

Candidates must:

- Hold a research or health-professional doctoral degree or its equivalent.
- Be a US citizen or permanent resident.
- Hold a faculty appointment at Dartmouth at the level of Instructor or Assistant Professor.
- Be eligible for 75% protected time (at least 50% for surgeons) as per agreement with their chair, section chief, and/or service line leaders.
- Not be a former/current PD/PI on an NIH research project (R01), program project (P01), center grant, FIRST Award (R29), sub-projects of program project (P01) or center grant, or non-PHS peer reviewed grants that are over \$100,000 direct costs per year, or a career development (K) award or the equivalent.

Budget

- Salary support for the scholar up to \$120,000 (75% protected time/at least 50% for surgeons)
- Up to 3 years of support per Scholar
- 2025 3 scholar positions available

Research/Career Development Budget

- \$30,000 per scholar for research and career development expenses such as:
 - (a) research expenses, such as supplies, equipment, and technical personnel;
 - (b) tuition and fees related to required career development courses and activities;
 - (c) travel to scientific meetings or training that the institution determines to be necessary for the individual's career development experience; and
 - (d) statistical services including personnel and computer time.
- Acceptable budgetary items must adhere to NIH guidelines.

Application

- **Face Page** (template provided): Name, title, department; Project title; Primary Mentor; Other mentors may be listed.
- **Candidate Statement:** (~2 pages): (a) Background; (b) Career Goals and Objectives; (c) Planned Career Development/Training Activities during Award Period and (d) Timeline for planned research, training activities, and submission of manuscripts and grant proposals.
- **Research Proposal:** (3-6 pages) a well-developed scientific initiative in clinical or translational investigation. Consultation with mentor(s) strongly advised. The proposal must include explicit discussion of how the research conforms to the translational science principles (slide 4).
- **Plan for Approval for Research on Human Subjects** and/or other institutional approvals as required
- **Budget Justification**
- **Literature Cited**
- **NIH Biosketches:** Candidate and Primary Mentor biosketches required; Other mentors (optional)
- **Mentor Letters (~1 page):** Letter of support from the Primary Mentor describing mentoring experience, commitment to serve as a mentor to the applicant; letters from Other Mentors option.
- **Letter of Support from Department Chair with approval for requested protected time**

Review Criteria

- (1) candidate's potential to become an independent researcher and their commitment to this path,
- (2) scientific and technical merit of the proposed research question, project design, and methodology,
- (3) appropriateness and feasibility of the proposed research project,
- (4) strength of the project's translational science focus,
- (5) mentor's ability to support the proposed training plan,
- (6) career development plan's focus on a path to independence, and
- (7) appropriateness of plans for Protection of Human Subjects, use of Vertebrate Animals, and/or Laboratory Biosafety.

Priority will be given to applications that will:

- Advance research that will open up avenues for future independent funding for the applicant
- Enhance a research area of SYNERGY emphasis (e.g. rural health, learning health systems)
- Support a candidate with a demonstrated commitment to clinical and translational science

2025 SYNERGY K12 Scholar Key Dates

- Applications due OCT 27th
- Anticipated Start Date: Dec 1st