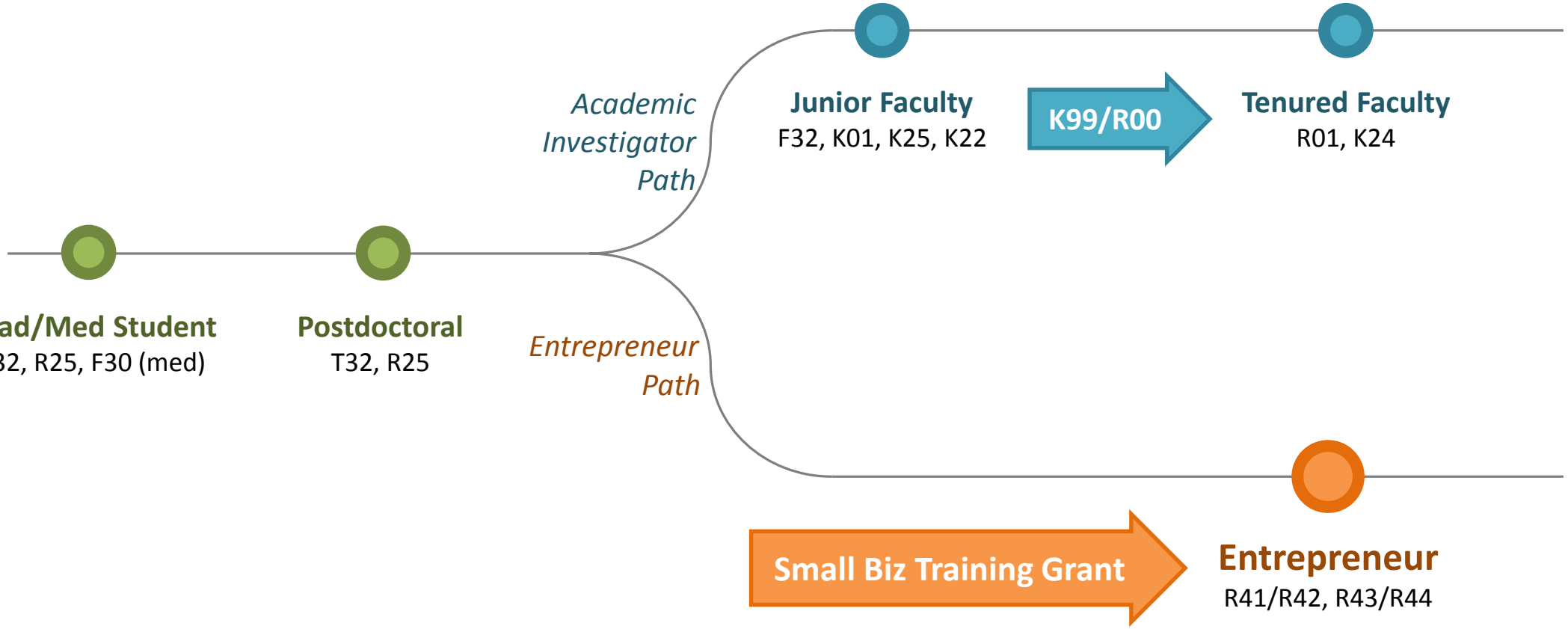
RFA Concept:
Small Business Transition Grant

Kory Hallett, PhD

SBIR Development Center

NIH NATIONAL CANCER INSTITUTE

Entrepreneurial Training Grant Modeled after K99/R00

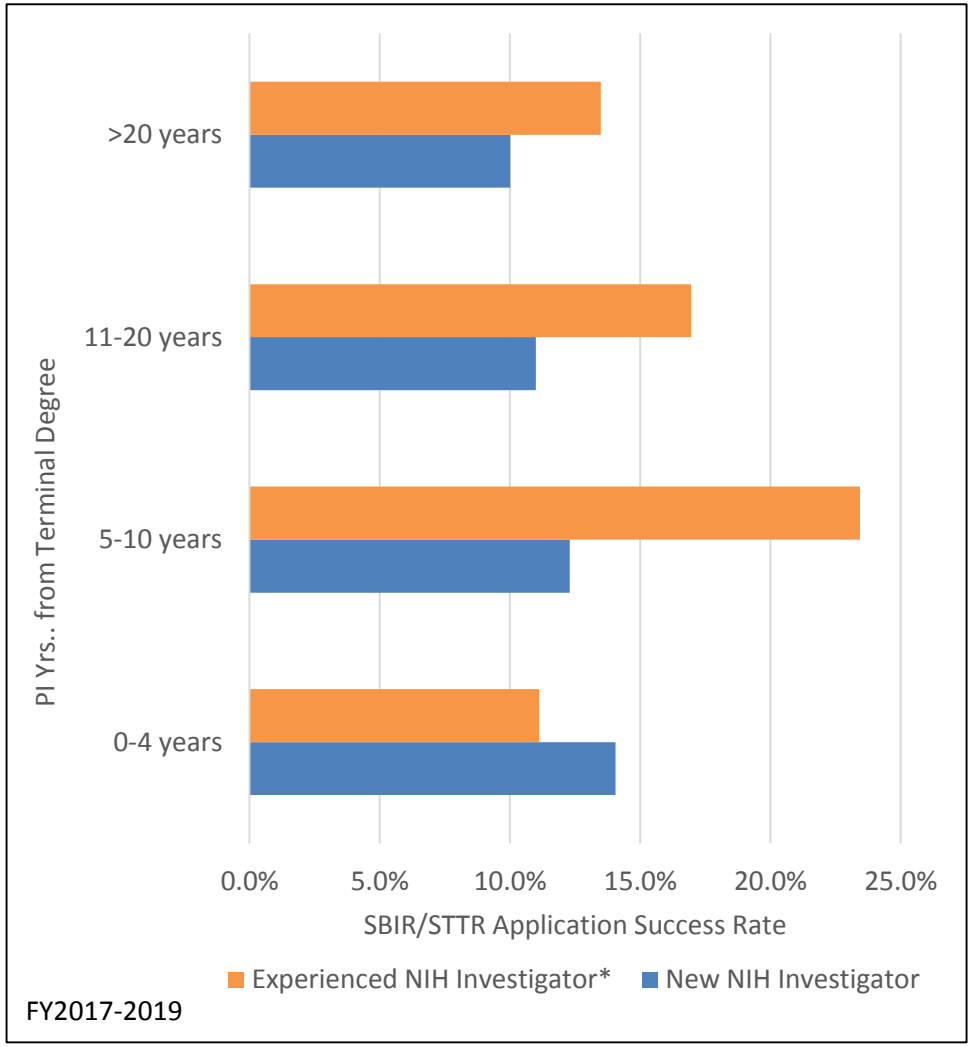


SBIR/STTR Applications: Success by PI Type

Experienced NIH investigators* have the highest SBIR/STTR success rate

*Have received an R01 or equivalent award

- Includes SBIR/STTR Phase II. Does not include SBIR/STTR Phase I.



Academic Innovation Offices: Feedback

Based on 62/70 NCI Cancer Center-serving Institutions:

1. Postdocs are moving with a technology to a small business
2. Need - scientists with business experience

Is there a way for the NCI SBIR to **support emerging entrepreneurs** like NIH training grants **support emerging faculty**?

Concept: Small Business Transition Grant

FAST-TRACK

Phase I **STTR**

STTR

- Requires collaboration with university
- PI primary employment not stipulated (min.10% effort to project)
- $400,000 / 12 months

Phase II **SBIR**

SBIR

- Permits collaboration with university
- PI primary employment MUST be with the SBC for the duration of the project period
- $2M / 2yrs

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FAST-TRACK

Phase I STTR

TRAINING
- SBC PI: Postdoc
- Mentoring plan required
  - Technical Mentor
  - Business mentor

TECHNICAL
- PI preps technology to move to SBC
- I-Corps at NIH required

Transition

PERSONNEL
- PI moves to SBC

TECH UPDATE
- R&D Milestones
- Commercialization plan
- IP agreement

Phase II SBIR

TRAINING
- Same PI (non-transferrable)
- Mentoring Continues
  - Contact type and frequency in mentoring plan

TECHNICAL
- Most research conducted at SBC site
- Small pivots allowed
  - No major scope changes

Critical Components

Eligibility

- Maximum 8-years from terminal degree
- Women and scientists from underrepresented racial and ethnic groups encouraged

Mentoring (special review criteria)

- Working with NCI CCT to learn from K99/R00
- Technical mentor commitment: cannot mentor more than one entrepreneur simultaneously
- Business mentor: can utilize mentoring programs, but must identify a lead mentor
- Expect the mentors to commit to a minimum of 2 hours/week AND I-Corps at NIH (Phase I)

Critical Components

Technology Development is Critical

- Application MUST include milestones and go/no-go criteria for fast-track transition
- NCI is not guaranteeing training support to grantees whose technology fails

RFA requested for NCI-run peer review

- Pilot RFA with set-aside funds
- Commercialization expertise on panel is important for special review criteria
- New mechanism and concept, work closely with NCI DEA during pilot
- Form review criteria with help of NCI CCT program directors with K99/R00 experience

RFA Concept Request:
2-year pilot, 5-7 awards per year

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