LaunchPad for Diabetes
Request for Applications
Application Deadline: Tuesday October 15th, 2024 at 5pm

Program:
The LaunchPad for Diabetes program is an internal translational research fund supporting collaborative research projects proposing innovative solutions for the treatment of Type 1 or Type 2 diabetes. The goal of this program is to support/develop translational research projects that address unmet clinical needs and lead to improvements in care of patients with diabetes mellitus.
Examples of desirable outcomes include improved diagnosis and treatment of disease through new medical devices, biomarkers or diagnostics, therapeutic targets and agents, or new clinical adoption of existing tools. Priority will be given to projects with a focus on the creation of new intellectual property, commercial partnerships, or lead to start-up company creation. The LaunchPad program is supported through a generous gift from Paul and Diane Manning.

Eligibility Criteria:
- Permanent, full-time, tenure-track faculty at professorial rank (assistant, associate, full)
- Each proposal must have at least two co-investigators, one that has a primary or secondary appointment in the School of Medicine and one clinical collaborator (medical doctor, nurse or professional who sees patients).
- Eligible investigators may submit more than one proposal.
- Awardees from previous funding cycles are eligible to apply and competitive renewal applications should include a comparison of milestone achieved vs. those planned in the original submission.

Submission:
Potential applicants **must** contact: Sharon Krueger sak8e@virginia.edu to discuss the proposal idea. Final proposal submissions are due by **5pm Tuesday October 15th, 2024** via email to Sharon. Applications should be submitted as a single PDF. The cover page, budget page, NIH CV's and relevant current funding from the co-investigators do not count towards the page limit. Use Arial font 11-12 point size.
The LaunchPad Review Board will review the final proposal submissions and select projects for a November oral presentation. Funding will start shortly after projects are selected.

Budget Information:
Eligible budget items include salary support for project personnel, supplies, minor equipment items, prototyping expenses, imaging time and travel directly associated with the research activity. Funds cannot be requested or used for F&A costs, administrative support or tuition.

Types of Grants ($800K total funding available):
- One year of funding, eligible for renewal, budget limit $100K, proposal limited to 6 pages
- Two years of funding, may be eligible for renewal, budget limit $200K total, proposal limited to 8 pages

Review Criteria: Evaluation of each proposal will be on the basis of scientific merit, potential health care significance and impact, experience of the investigators, and commercialization potential.

If selected for oral presentations <u>you will be required</u> to submit your draft presentation for review and rehearse your presentation with the program director.

Key Elements of the Proposal:

<u>Cover Page: (this page is not included in page limit)</u>

Must contain the project title, names of the investigators, amount requested, and summary of the novelty and significance of the proposed work, and the approval and signature of the department chair.

<u>Project Plan: clinical need, research and commercialization milestones and commercialization strategy:</u>

Overall plan discusses the clinical problem, current standard of care, market size, competitors in the area, impact of proposed research on patient care, research and commercialization milestones, commercialization strategy and follow-on funding plan.

- Describe the unmet clinical issues that are being addressed by the proposed research along with the potential market size, target patient population, current standard of care and current technology competitors. Discuss the impact of positive outcomes from the research on clinical care, treatment, diagnosis.

- Discuss <u>your envisioned product/solution.</u>

- Describe specific, realistic, focused research and commercialization milestones and the plan for achieving each milestone. Include the experiments to be performed to achieve each milestone; provide supporting preliminary data or progress-to-date as appropriate.

- Discuss and list steps that will move your technology into the market to improve patient care, including additional help your project team may need.

- Make sure to identify and discuss:
  - any technical or logistic dependencies
  - the "killer" experiment
  - your current NIH Technology Readiness Level (TRL)

- Include IRB and/or ACUC status for project if relevant.

- Current intellectual property status, commercialization strategy to advance the technology into the market and/or clinical adoption, include the FDA plan if relevant.

- Gantt chart with quarterly milestones for research and commercialization.

- Your strategy and plan for follow-on funding after LaunchPad award expires. List potential sources of funding.
- Your potential next research steps

<u>Proposal Supporting Documents</u> **(not included in page limit)**
- Budget justification page (use any format)
- NIH CV's of each investigator
- List only <u>relevant</u> current funding and <u>relevant</u> pending proposals for each investigator

Reporting:
- Award recipients are required to submit short written 6 month update reports and a final report. Project update meetings will be held between the funded project PI's and LaunchPad program director.