## Welcome!



Recording will be posted on the website: flinn.org/seedgrants





# Seed Grants to Promote Translational Research

## History

#### **Arizona's Bioscience Roadmap**

Goal #2:

Increase the ability of research-performing institutions to turn bench research results into improved disease/illness prevention, detection, and treatment.

• Since 2013: 65 grants, over \$7.2 million





# Eligibility

- Scientists/clinicians/others affiliated with **Arizona-based** research institutions and health-care systems.
- Project addresses a clearly defined, compelling clinical need—bringing new products/services to benefit patients.
- Precision medicine, diagnostics, devices, therapeutics, and health-care delivery processes.
- Clear path to pre-commercialization phase (can also be open-source).
- Letter of support from institution's vice president of research or equivalent.



## Benefits

- 10 projects funded: \$100K each for 18 months
- Follow-on funding: \$100K for up to two projects for 12 months
- Research/industry advisors
- Workshops and learning opportunities
- Referrals to programs, resources, and experts
- Arizona's Bioscience Roadmap Steering Committee



## Use of funds

- Program-related lab expenses (materials, support staff, analysis)
- Prototype development, testing, and validation
- Animal-model tests
- Publication of data
- Development/refinement of business plan and customer exploration
- Development of proposals for follow-on funding from SBIR, NIH grants, angel investments, philanthropic funds, etc.
- > May not be used for compensation of principal investigator(s) or prior debt.



## Expectations

- Quarterly reports and presentations
- Secure or plans to secure new funding
- Final report/presentation
- Institutional Review Board approval in place prior to start of grant
- Plan for intellectual property—including ownership/licensing of technology



# Recently Funded Projects

HistaHeal – Bioactive Dressing for Diabetic Wounds – Jordan Yaron Ph.D., Arizona State University

**Novel Approach to Eliminate Opioid Addiction in Pain Management** – John Streicher Ph.D., University of Arizona College of Medicine – Tucson

**Targeting TDP-43 for Neurodegenerative Diseases** – Xinglong Wang Ph.D., University of Arizona College of Pharmacy

Neurostimulator Device for the Assessment of Consciousness – Brandon Fox M.D., Barrow Neurological Institute

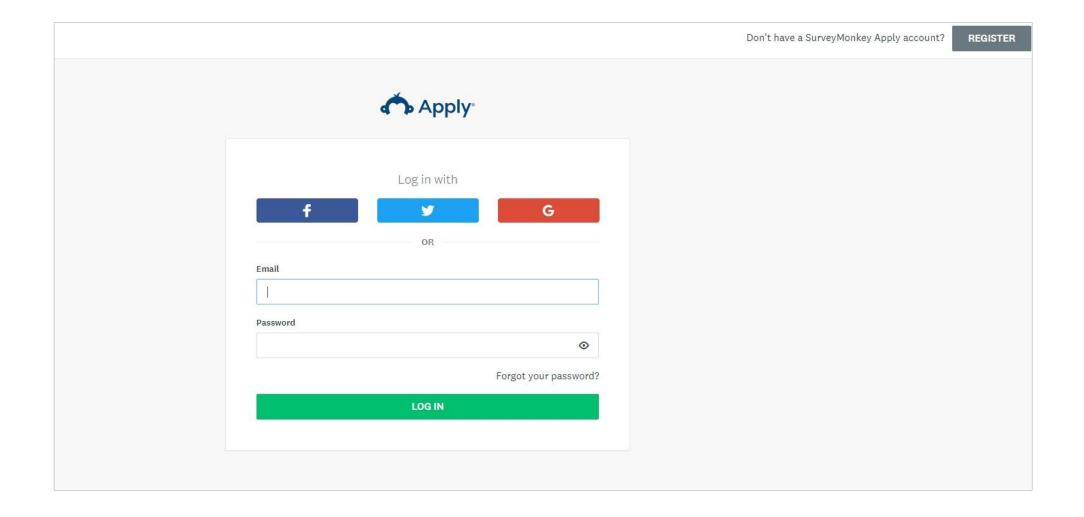
Sepsis Dx - Septic Shock Screening Device – Jeff La Belle Ph.D., Grand Canyon University

**High Throughput Biomanufacturing of Encapsulated Cell Products** – Jessica Weaver Ph.D., Arizona State University

**Gynecological Cancer and Disease Diagnostic with At-Home Test Collection** – Melissa Herbst-Kralovetz, Ph.D., University of Arizona College of Medicine - Phoenix

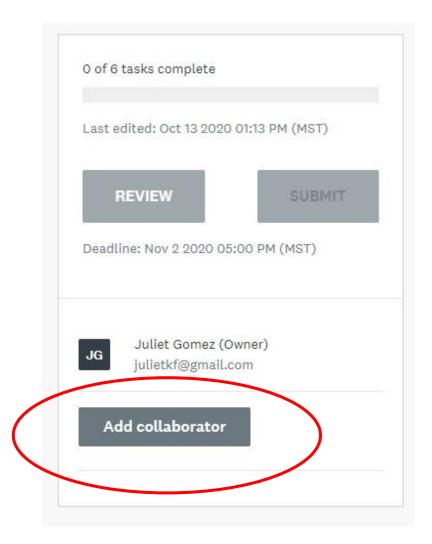


# **Application Portal**





# **Application Portal**





# **Application Content**

- Basic contact info
- Project lay summary
  - 300 words
- Application presentation deck
- Letter of support
  - Signed by institution's president, CEO, senior VP of research or designee



#### Presentation Deck

- 1. Title Slide
- 2. Clinical need and scale of the problem
- 3. Current solutions / limitations
- 4. Proposed new solution and expected benefits
- 5. Development work done to-date
- 6. Development work done to-date (ctd.)
- 7. Validation (include mention of publications, customer feedback, etc.)

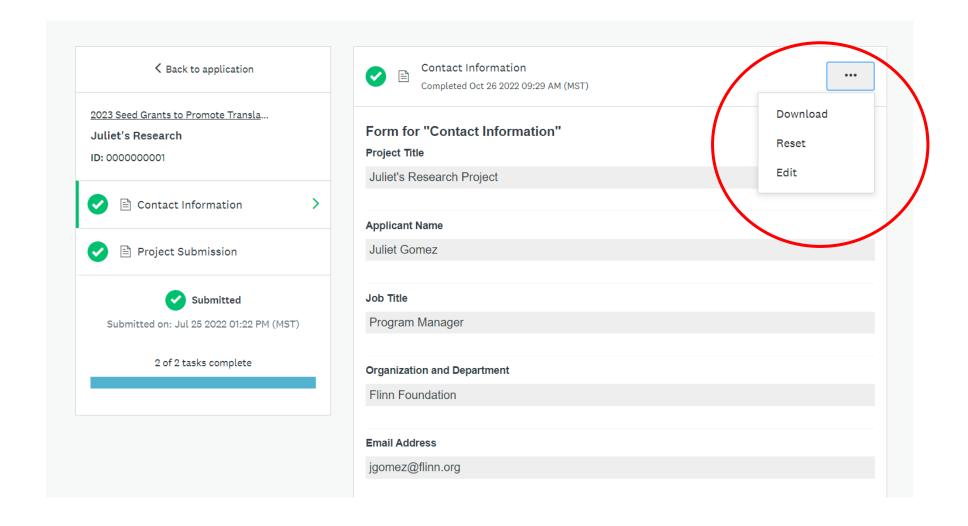


## Presentation Deck, ctd.

- 8. Plan for commercialization/licensing
- 9. Regulatory requirements and plan to address
- 10. Project plan for grant period, including goals and key milestones
- 11. Current intellectual property (IP) and IP strategy
- 12. Funding received to date and future funding plans
- 13. Project team/resources and environment
- 14. Detailed breakout of proposed use of Flinn grant funds
- 15. What else reviewers should know about your project



# Saving the Application





## Deadline

5:00 p.m.

October 2, 2023



## Review Process

- Review-panel composition
- Scoring criteria:
  - Clearly defined clinical need
  - Technical overview and market opportunity
  - Project plan, including goals and milestones
  - Project team
  - Planned use of grant funds
- Notification: Week of Dec. 11, 2023





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