Penn State Startup Pipeline (June 2023)

1. Technology Tracking
   - Neural Block Device
     - surgery pain control
   - HydroSapient
     - hydraulics model for soil moisture
   - GLIMER
     - Glide-Matched Electocaloric Refrigeration
   - MicroFlap
     - surgery healing assessment
   - Diabetic Retinopathy
     - Diagnostic
   - N Pep Therapeutics
     - ultrasound controlled drug release
   - Oral Microbiome Transplantation

2. Invention Review
   - BioRES Technologies
     - rare earth extraction
   - PhotonX
     - antireflective coating
   - Immunagreen
     - ag biopesticide
   - BioFoam
     - wound care
   - Ionomer Solutions
     - fuel cell membranes
   - IOThera
     - immunotherapy for melanoma
   - Carbon4Good
     - carbon credits
   - Archty
     - antiviral therapeutic
   - Hero Therapeutics
     - Ti diabetes treatment

3. Commercial Assessment
   - Biologic Therapeutics
     - rare earth extraction
   - Chromatir
     - color shifting coating
   - Skyran Biologics
     - diabetic retinopathy Rx
   - BioFoam
     - wound care
   - Illuminate Therapeutics
     - light-controlled drug release
   - IOMer Solutions
     - diabetic retinopathy Rx
   - SAFE-T
     - telehealth sexual assault consult
   - ElkosRx
     - diabetic ulcer drug

4. Commercialization
   - Chromatir
     - color shifting coating
   - Skyran Biologics
     - diabetic retinopathy Rx
   - BioFoam
     - wound care
   - Illuminate Therapeutics
     - light-controlled drug release
   - SAFE-T
     - telehealth sexual assault consult
   - ElkosRx
     - diabetic ulcer drug

5. Company Formation
   - Solaxa
     - nerve damage Rx
   - Respana
     - Flu drug
   - ImpulseTech
     - prosthetics
   - spotLESS Mat’l
     - surface coating
   - DecisionPro
     - market analytics
   - Arbitrator Intel
     - arb data analytics
   - Interseeder
     - farm equip
   - Phospholutions
     - P soil runoff control
   - ConidioTec
     - bed-bug control

6. Business Executive
   - Have it
   - Need it

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<th>Est. Time to Revenue (years)</th>
<th>0</th>
<th>0-3</th>
<th>4-6</th>
<th>7+</th>
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<td>Business Executive</td>
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Industry Domains
- Med Science
- Food & Ag Science
- IT & EdTech
- Eng/Math/Energy

Disclosure
- Provisional

License
- Launch

$/Exit

Holding Box (lost momentum)
- FoodLocus – farm-to-table
- Persea – natural food color
- ThoraciiCair – respiratory assist
- Medulate - needle insertion simulator

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