



Advanced Training in the Orthopedic Surgeon-Innovator Pathway

*Clinical Expertise Meets Breakthrough Innovation
Design, Build, Commercialize Solutions for Real-World Impact*

Program Highlights

- **Two-year, immersive fellowship:**
 - Year 1:** Innovation focus (Training with TIDO and work in the Center for Orthopedic Research Translation)
 - Year 2:** Clinical fellowship in Pediatric Orthopedics
- **Hands-on participation**
in the full medical device development cycle
- **Tangible outputs:**
Gain deep exposure to the patent process, prototyping, and commercialization strategies
- **Collaborative partnerships**
with industry leaders in engineering, commercialization, and innovation

The Surgeon-Innovator

-  MD or DO
with completed U.S. orthopedic surgery residency
-  Curious, creative problem-solver
-  Passionate about a career involving significant industry collaboration
-  Interest or background in engineering, business, or product design
-  Aspiring to lead commercialization efforts in academic orthopedic surgery

Core Training

Innovation & Strategy

- Intersection of clinical practice and biomedical enterprise
- Identifying unmet clinical need in academic orthopedic surgery and translating to real-world solutions

Engineering & Prototyping

- Direct collaboration with engineers and research teams on device development, prototyping, and testing

Regulation & Intellectual Property

- Direct interaction with clinical faculty to identify pressing needs
- Conduct market and stakeholder analysis to assess commercial viability
- Formal training in business planning and reimbursement strategies

Commercialization

- Foundational training in IP protection and regulatory pathways
- Focus on mitigating the specific challenges in developing devices for children and rare disorders

How To Apply

Apply with CV and Letter of Interest to Program Director
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