Grand Challenge Proposal
IU School of Medicine
IUSM’s Grand Challenges Initiative

• Goals:
  • To improve the quality of health care and health outcomes of the people of Indiana
  • To strengthen IU School of Medicine and its sister schools by significantly enhancing the quantity, quality, impact and reputation of our research
  • To transform IU Health, Eskenazi Health, and other IUSM health care affiliates through integration of research and clinical care
• **Goals (continued):**
  – To facilitate collaborations that leverage our extensive and diverse public-private partnerships in pursuit of common goals
  – To create new opportunities for developing novel clinical interventions, intellectual property and commercialization avenues
  – To align with IUSM priorities
IUSM may develop up to 3 grand challenges

IUSM Grand Challenges

I. Precision Medicine

II. Population Health

III. Life’s Transitions

- Faculty Recruitment and Program Building
- Advanced Informatics Programs and IT Support
- Facilities and Resources
- Corporate and Philanthropic partnerships
IUSM’s First Grand Challenges Initiative:  
I. Precision Medicine (2016-2020)

Goals:

1. To integrate **genomic and personalized medicine** into our clinical practices in order to provide innovative health care to the people of Indiana

2. To build expertise and resources to design, develop and lead the clinical implementation of **cell- and gene-therapies** for select diseases

3. To create discovery programs in **molecular therapeutics** with our academic and commercial partners
IUSM’s First Grand Challenges Initiative:

I. Precision Medicine

1. Genomic and Personalized Medicine (Geraci & Foroud)
2. Cell and Gene Therapy (Roodman & Yoder)
3. Molecular Therapeutics (Giedroc, Zhang & Ratliff)

Faculty Recruitment and Program Building

Education Initiatives: Certificate and Degree Programs

Advanced Informatics Programs and IT Support (Radivojac, Li, Schleyer)

Corporate and Philanthropic Partnerships (Wright, Lyles, McGill)
IUSM GC Process

Faculty and Partner Input
October 5, 2015

Precision Medicine Executive Group
Formed by Oct 1st week

Preparation of Initial GC Proposal
October 31, 2015

Follow-up Preparation for Full proposal
Town Halls

Fairbanks Hall, 340 W. 10th Street, Indianapolis, IN

• Wed., Oct. 14, 7-8a, Room 1109
• Monday, Oct. 26, 12-1p, Room 1111

Individuals may join either meeting by telephone:

• Dial the Auto Attendant: 812-856-7060.
• Enter the conference code number, 233007, followed by the #key