Clinical and Basic Biomedical Research Programs

Multidisciplinary teams of physicians and basic scientists conducting research into diverse health areas.

Inter-Departmental Programs focusing on:

- Immunology
- Molecular biology
- Maternal-fetal development and imaging
- Cardiovascular
- Ocular pharmacology
- Health outcomes and epidemiology

Funding: NIH, CDC, AHA, companies, etc.
EVMS Biomedical Research is supported by:

**Patient-Oriented Centers and Institutes**
- Strelitz Diabetes Center
- Brock Institute for Community and Global Health
- Glennan Center for Geriatrics and Gerontology
- Pediatric Clinical Research Unit
- Jones Institute for Reproductive Medicine
- Contraceptive and STD Research (CONRAD)
- L.T. Canoles Cancer Research Center
- Sleep Disorders Center

**Translational Research Resources and Core Laboratories**
- Proteomics and BioRepository
- Microscopy and Imaging Resources
- Translational Animal Models
- Epidemiology and Biostatistics
- Technology Transfer and Commercialization
Research

Getting Started

Idea Generation
- Collaborators
- Dept. Faculty/Chairs
- Grant writing
- Support services
  - Technical
  - Data analysis
  - Nursing

Funding
- Grants (COS)
- Internal (seed grants)
- Departmental

Regulatory
- Training
- Committee protocol (IRB, IACUC, IBC, etc.)
- Conflicts of Interest (COI)
- Sponsor reporting
Research Do’s and Don’ts

☐ Do

✓ Inform departmental contact (Chair) of your plans
✓ Contact office of Sponsored Programs (OSP) early on
✓ Seek guidance from regulatory offices (IRB, IACUC, IBC, COI) early on
✓ Seek input and review from faculty colleagues
✓ Begin preparation of grant early

☐ Don’t

× Submit a grant /contract independently of OSP
× Budget time and effort without Chair approval
× Begin a study or collect data before IRB, IACUC, etc. approval is obtained
× Add personnel (student, resident, etc.) to a protocol without appropriate training and approval by the corresponding committee
Research Development  
(Office of Research- Contact: Stephanie McCombs)

Funding website: https://myportal.evms.edu/research/funding_opportunities/

- Bridge Grant
- Research Enhancement Grant
- Technology Development Grant
- Intra- and Inter-institutional collaborations
- Current extramural funding
- InfoEd SPIN (Funding database/program)
- Research Advisory Committee
- Grant-writing (limited)
Office of Tech Transfer

- **POC:** Paul DiMarco
  - Room 128, Andrews Hall, 446-7112, dimarcpb@evms.edu
- **Role:** Transfer EVMS Intellectual Property (IP) to commercial partners
- **Goal:** Create opportunities for the public to benefit from EVMS innovations and inventions through resulting products and services
Intellectual Property

- Patents
- Trademarks, Servicemarks, Trade names
- Copyrights
- Trade secrets

Look for upcoming seminars on these topics
Director of Corporate Relations

- POC: Bob Armstrong
  - Room 321, Lester Hall, 446-7121, armstrrk@evms.edu
- Role: Develop entrepreneurial business relationships (spin-offs, startups)
  - Cultivate R&D collaborations & partnerships
  - Expand EVMS portfolio
  - Foster innovation & entrepreneurship
- Goal: Foster creation of new businesses and revenue from EVMS capabilities and technologies
From Idea to Product or Service

ID Problem
Ideate
Solutions
Conduct R&D
Prototype
Solution
Test & Iterate
Refine
Solution or IP
Take Solution to Market
License IP
Partner
Form a Company

Note: We are formalizing the non-IP process