

Health Science Innovation and Entrepreneurship (HSIE) Postdoctoral Training Program

- NRSA Training Core of the Clinical and Translational Science Award (CTSA)
- Translational Research Institute (TRI)

Agenda for Informational Session

- **General information about the Health Science Innovation and Entrepreneurship (HSIE) Training Program**
- Discuss the value-added to your career
- Discuss the components of the HSIE Postdoc Training Program
- Open discussion

Why the HSIE Training Program?

- New discoveries and treatments can benefit patients more quickly (NIH, IOM)
- Real-world training – 65% of UAMS trainees indicate they will not pursue an academic research position
- One goal of our TRI is to create a culture of innovation and entrepreneurship at UAMS.

Why the HSIE Training Program?

The goal of the HSIE training program is to broaden a scholar's vision of using entrepreneurship principles and team science to accelerate biomedical discoveries into improved health outcomes. It serves to equip postdoctoral fellows with the knowledge and skillset to translate innovations into clinical benefit and is a value-added extension to the postdoctoral fellow's primary research training.

Graduate Certificate in Health Science Innovation and Entrepreneurship

- 15- credit graduate certificate for U.S. postdoc fellows in Years 1-3 of training
- Two-year program (4 postdoc scholars each year)
- Value-added training *in addition to* the primary research project
- Partnership between faculty at UAMS, BioVentures, and the Sam Walton College of Business at UA Fayetteville.

HSIE Program Leadership

UAMS

Nancy Rusch, PhD, Department of Pharm/Tox

Nancy Gray, PhD, President of BioVentures

Kevin Sexton, MD, Department of Surgery

Pamela Kahler, BA, Program Manager

UA Fayetteville

Sarah Goforth, PhD, Director, Grad Entrepreneurship Program

Paul Mlakar, Jr., MBA, Business Principles for Entrepreneurs

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Value added for HSIE postdoc scholars and their primary research mentors

Full NIH stipend support for 2 years

Career Level (Years of Experience)	12 Month Stipend
Postdoctoral 0	\$52,704
Postdoctoral 1	\$53,076
Postdoctoral 2	\$53,460
Postdoctoral 3	\$55,596

Value added for HSIE postdoc scholars and their primary research mentors

Dollar value of 2-year program ~ 170K

- 100-110K in NIH stipend support
- 40K for tuition and fees
- 20K for health insurance and program-related costs
- \$3K extra to attend meetings related to HSIE

Value added for HSIE postdoc scholars and their primary research mentors

Non-dollar Value of the HSIE Program

- Diversify your training portfolio
- Enhance your job competitiveness
- Enhance your job satisfaction
- Develop a UAMS technology
- Build a community of entrepreneurs

Seek diverse scholars are from across TRI hub

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What are the Components of the Program?



The Components of the HSIE Training Program?

Year 1

Semester 1

HSIE 6100 Snapshot Sessions (4 cr)

HSIE 6200 Seminar Series (1 cr)

**Seminar series continues thru Year 1*

Semester 2

MGMT 5213 Foundations of Business for
Entrepreneurs (3 cr)

The Components of the HSIE Training Program?

Year 2

Semester 1

MGMT 5323 New Venture Development (3 cr)

HSIE 6200 Seminar Series (1 cr)

**Seminar series continues thru Year 2*

Semester 2

MGMT 5413 New Venture Development II (3 cr)

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