

# A Roadmap to Measurably Expand Graduate Medical Education Throughout Indiana

May 17, 2016



# Tripp Umbach Qualifications

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- ✓ Over the past ten years, Tripp Umbach has been instrumental in 50 medical education expansion projects throughout the United States.
- ✓ National experience in GME expansion, including multiple projects in Indiana, Georgia, Oregon, Pennsylvania, Arkansas, New Jersey, Washington, and Colorado.
- ✓ Since 1990, Tripp Umbach has consulted with 75 academic medical centers, more than 500 hospitals, and 250 universities throughout the United States.
- ✓ Tripp Umbach has completed multiple projects for the Association of American Medical Colleges (AAMC) to measure the impact of every U.S. medical school and teaching hospital.

# Recent Project Examples

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- ✓ Oregon GME Consortium
- ✓ South Georgia GME Consortium
- ✓ GME Planning for New York Institute of Technology at Arkansas State University
- ✓ Southern Indiana GME Consortium – IUSM Evansville
- ✓ Northwest Indiana GME Consortium – IUSM Northwest
- ✓ GME Feasibility Study for Floyd Memorial Hospital in New Albany, Indiana

# Indiana GME Expansion: Project Team

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- ✓ Paul Umbach, Founder and President
- ✓ Angie Vincent, Principal and Direct Project Contact
- ✓ Diane Elms, Senior Project Director
- ✓ Denise VanderSal, Principal
- ✓ Beth Paul, Executive Vice President and Senior Principal

# Indiana GME Expansion: Project Objective

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Develop a roadmap for the most effective way to measurably expand Graduate Medical Education throughout Indiana.

# Indiana GME Expansion: Ultimate Goal

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Transform the health care delivery system through partnerships among hospitals, health systems, health and human service agencies, and other community organizations through the expansion of Graduate Medical Education in regions where it is most needed.

# Indiana GME Expansion: Project Overview

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- ✓ Needs assessment research to determine types of providers most needed.
- ✓ Financial and economic impact analysis to identify costs and revenues, impacts on health care delivery system, and benefits provided to state and regional economies.
- ✓ Research to identify residency training locations (geography and type) that provide the best opportunities for GME expansion.

# Indiana GME Expansion: Project Overview

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- ✓ Recommendations regarding the process for allocation of state funding.
- ✓ Presentation and communication materials for use by stakeholders to educate and engage health care providers, economic development agencies, philanthropic foundations, community organizations, and potential funders.



# Indiana GME Expansion: Proposed Work Plan

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- ✓ **Project Planning Work Session and Review of Existing Research and Reports**
  - Facilitation of initial work session with GME Board to discuss project deliverables and refine work plan if appropriate.
    - Tripp Umbach will work collaboratively with the Board to ensure final deliverables meet the needs of the Board and the State.
  - Review of existing research and reports related to current and projected statewide health and workforce needs.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Key Informant Interviews

- 15 interviews with key informants statewide to evaluate opportunities, challenges, costs, and benefits of GME.
- Interviews will assist in assessing readiness of clinical providers to develop GME programs, provide input regarding geographic locations and types of programs most needed in Indiana, and identify innovative interprofessional medical education delivery methods.
- Tripp Umbach will interview representatives at existing residency programs, including past and current Tripp Umbach clients and national GME leaders, to gather information about costs, funding sources, training environments, etc.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Needs Assessment of Physician Shortages

- Analysis of existing data (AAMC, Robert Graham Center, Indiana-specific data) related to shortages by geography and specialty.
- Focus of analysis will include the following specialties:
  - Family Medicine
  - Pediatrics
  - Emergency Medicine
  - OB/GYN
  - Psychiatry
  - General Surgery
  - Outpatient Community-Based Internal Medicine
- Development of recommendations for non-traditional residency training programs (FQHCs, RTT, Med-Peds, NP, etc.) utilizing input and data outlined previously, client experience, and relationships with national experts.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Initial Progress Report

- Presentation of initial progress report to the Board on July 1<sup>st</sup>.
- Input from the Board will help guide and refine remaining work plan.

## ✓ Financial and Economic Impact Analysis

- Development of per resident cost projections utilizing input and data outlined previously, as well as existing experience with GME clients.
- Economic and community benefit analysis related to the development of GME (economic development, jobs, tax revenue, recruitment savings, revenue enhancement for health care organizations, higher quality outcomes, utilization savings) utilizing customized Tripp Umbach models.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Analysis of GME Expansion Opportunities

- Development of inventory of healthcare organizations with the greatest potential to develop GME through the assessment of clinical and infrastructure resources and funding issues (virgin status, RTT potential, Sole Community Provider status, etc.).
- If requested by Board, facilitation of GME Forums to educate and engage stakeholders about need for and benefits of GME expansion.
- Complete financial analysis of GME development at organizations with greatest opportunity for expansion.
  - Analysis will include potential funding sources and costs of developing and operating specific residency programs.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Analysis of Physician Workforce Expansion Effectiveness

- Analysis of existing data related to past and current workforce expansion initiatives (legislative, health care administration, consortium efforts).
- Analysis of legislative initiatives in other states, including effectiveness, funding sources, challenges, and opportunities.
- Identification of best practices related to in-state medical student retention in primary care residency programs.
- Development of recommendations regarding the most effective initiatives to increase physician workforce, including strategies to improve existing programs and methods to measure program effectiveness.

# Indiana GME Expansion: Proposed Work Plan

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## ✓ Recommendations Regarding Allocation of State Funds

- Development of recommendations, including:
  - Organizations eligible for funding.
  - Determination of what can be included in matching funds.
  - Process for awarding funding, including timing and type of funding (planning, start-up, ongoing operations support).
  - Required minimum matching contribution by organizations.
  - Process to apply for funds (including funding request form).

# Indiana GME Expansion: Proposed Work Plan

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## ✓ 2nd Progress Report

- Development of 2<sup>nd</sup> progress report including all components outlined previously.
- Presentation to Board at August 16<sup>th</sup> public Board meeting.
- Report will provide foundation for final plan.

## ✓ Inventory of Resources for GME Development

- Development of list of existing sources of technical assistance (Rural Health Information Hub, national rural health experts, legal assistance related to “cap” relief and Consortium incorporation, past and current Tripp Umbach GME expansion clients, etc.).



# Indiana GME Expansion: Proposed Work Plan

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## ✓ Final Report and Presentation

- Development of final report, including Executive Summary and key findings, by September 16<sup>th</sup>.
- PowerPoint presentation, including key findings and recommendations regarding most effective way to expand GME in regions where it is most needed.
- Executive Summary and presentation can be used by Board and other stakeholders to communicate need for and benefits of GME expansion.
  - Potential audiences include physician and health care organization leadership, local and state government, economic development agencies, community organizations, and philanthropic donors and foundations.

# Indiana GME Expansion: Proposed Work Plan

Timing	Project Component
May	Project Planning Work Session & Review of Existing Research & Reports
May/June	Key Informant Interviews
May/June	Needs Assessment Analysis of Physician Shortages
July 1 <sup>st</sup>	Development, Presentation, & Discussion of Initial Progress Report
July	Financial & Economic Impact Analysis
July	Analysis of GME Expansion at Organizations that Meet Requirements
July	Analysis of Most Effective Way to Support Workforce Expansion
July	Recommendations Regarding Allocation of State Funds
August 5 <sup>th</sup>	Development, Presentation, & Discussion of 2 <sup>nd</sup> Progress Report on August 17 <sup>th</sup>
August	Inventory of Resources for New Residency Program Development
September 16 <sup>th</sup>	Final Report & Presentation of Benefits, Impacts, & Recommendations for Expansion

# Indiana GME Expansion

True success will be accomplished through the development of pipelines that attract and retain providers to previously underserved regions

