Hitesh Vora

Associate Professor & Great Plains Industrial Assessment Center Director
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Chief, Minority Business & Workforce Division
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Hitesh Vora

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Oklahoma State University

Areas of Interest

- Additive Manufacturing (3D Printing)
- Advanced (smart/ cyber) manufacturing and Energy management to improve energy efficiency (reduced energy, cost, throughput) for small to medium-sized manufacturer.
- Laser aided additive and subtractive manufacturing and characterization of advanced high-performance materials with emphasis on establishing processing-structure-property relationship.
- Measurement Science of Additive manufacturing: Real-time in-situ dimensional and property (temperature, thermal stresses, Young's Modulus) measurement of advance material.
- Multiphysics finite-element modeling (FEM) and simulations of advance manufacturing processes with emphasizing on materials aspects.
- Laser Processing of Materials: Machining, Welding, Sintering, Rapid Prototyping, Micro-manufacturing, Polishing, Forming, Texturing, Scribing, Laser for arts, Laser-matter interaction.
- Surface Engineering via additive manufacturing: Metal, Advanced Ceramic-, Composite-, and Amorphous- Alloying/Coatings

Contact

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TRBA SUMMIT 2024
OKLAHOMA'S NEW ENERGY ECONOMY

REGISTER NOW FOR THE FIRST ANNUAL GREAT PLAINS CENTER OF EXCELLENCE CONFERENCE!
The conference will take place September 9-10, 2024. **Learn More**

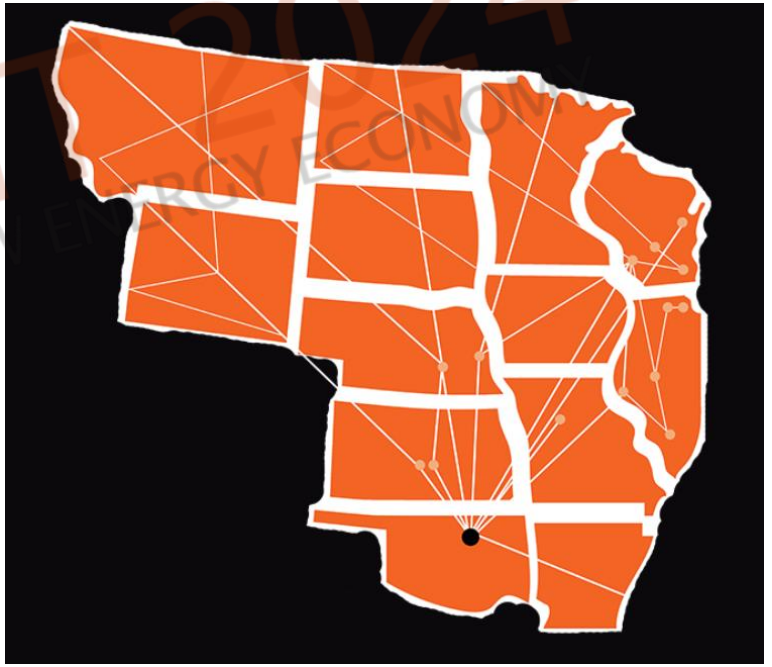
The Future of Clean Energy Starts Now

The Great Plains Center of Excellence (GPCoE) will serve as one of the five key regional hubs for the Industrial Assessment Center (IAC) program of the Office of Manufacturing and Energy Supply Chains (MESC) of US Department of Energy, appropriated by the Infrastructure Investment and Jobs Act, more commonly known as the Bipartisan Infrastructure Law (BIL).

Develop, deploy, and test the next generation of integrated tools and new technologies smartphone apps, virtual/augmented reality (VR/AR), and drones), and practices to enhance performance, increase energy efficiency, and reduce industrial emissions in the small- and medium-sized manufacturing sector.

Support inclusive workforce development efforts to strengthen America's competitive advantage in the clean energy economy. Produce competent, motivated energy engineers through a combination of classroom/VR/AR experiences, mentoring, and on-the-job training.

Provide resources and expertise to complement these objectives that directly support the National Clearinghouse's needs, equitably develop the clean energy workforce, and form significant collaboration focused on improving our region's industrial competitiveness.



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Matt Litterell

Executive Director, Workforce & Economic Development
Tulsa Tech

About

Experienced professional with a demonstrated history of working with stakeholders to develop innovative programs and solutions to the needs of progressive organizations. Skilled in building and developing high performing teams that leverage and embrace diverse backgrounds toward extraordinary results.

Contact

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Join TRBA for more workforce development conversations in September

TRBA Sept Member Meeting Info

MEMBER MEETING – WORKFORCE DEVELOPMENT

September 9th 11:30 am -1:30 pm

Join us every other month as we discuss six pressing issues of the day that are driving the renewable energy business in Tulsa. From workforce development to grant partnership, or segment-focused business discussions of solar, energy storage, hydrogen technology, and more, we've got a forum for you and your colleagues to learn, contribute, and collaborate.

Meeting Chairs
Bryce Murray with Talent Acquisition Group
Danielle Blackwood with TRBA

TULSA RENEWABLE BUSINESS ALLIANCE

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