



Report from Technical Sessions at 2019 AGEP Research Forum: *Collected Wisdom Focused on Diverse Students' Success*

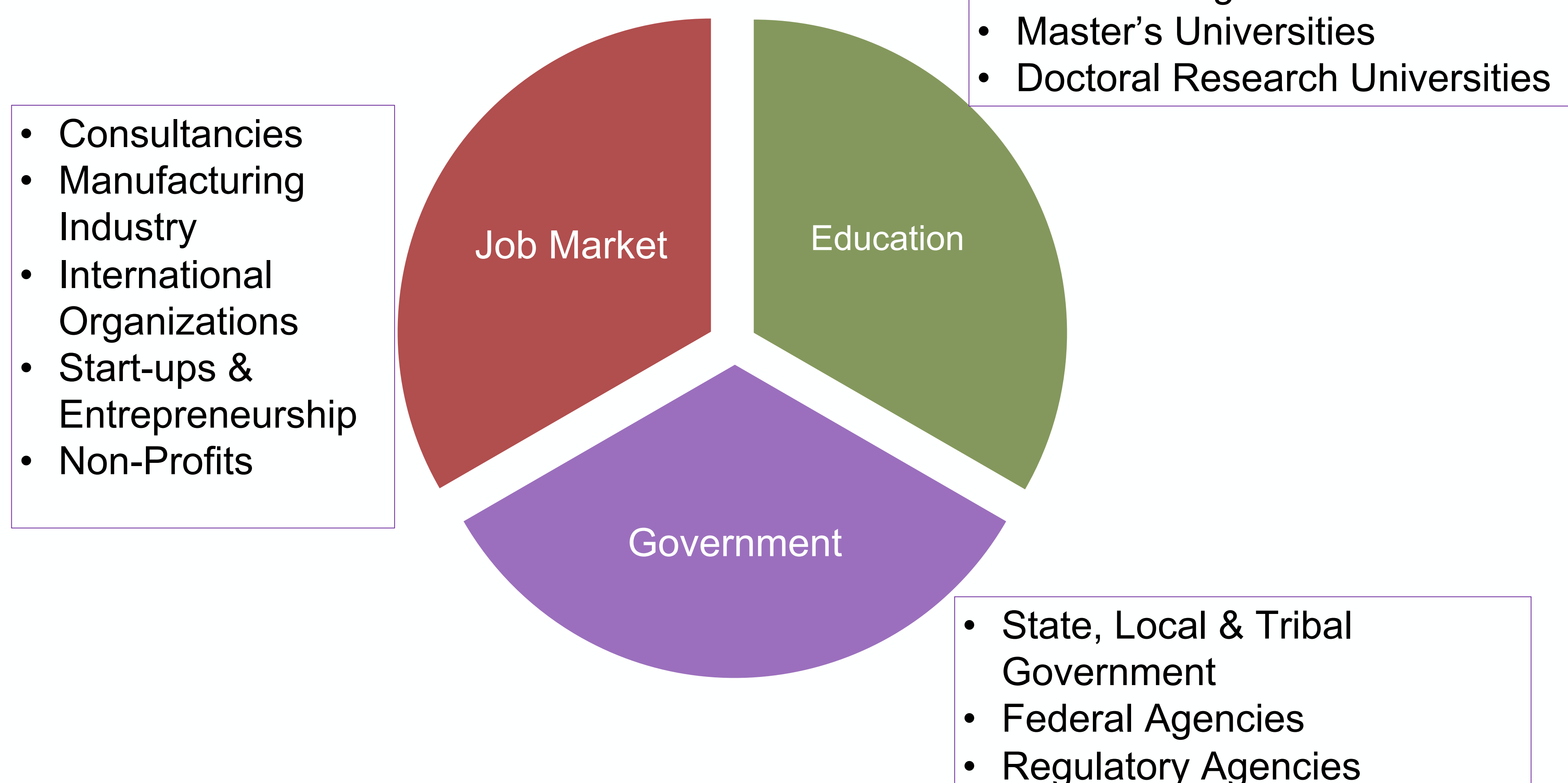
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Purpose

- Technical sessions were aimed at discussing
 - Knowledge and skills necessary for pursuing diverse career pathways;
 - Challenges and strategies to navigate transitions in graduate education and STEM-related careers;
 - Barriers and challenges for sustainability of AGEP efforts.

Career Pathways



Knowledge and skills

Across discussion tables, the essential knowledge and skills necessary for any career pathway (see pathways on the left) are:

- Deep discipline expertise
- Collaboration
- Communication (Oral and Written)
- Independence
- Knowledge of agency & employer culture
- Leadership
- Networking
- Project Management



Acknowledgments

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Recommendations for Fostering Successful Transitions

- Develop Mentoring Capability of Your Institution:
 - A model of Multiple Mentors;
 - Comprehensive Individual Development Plans for all students;
 - Professional Development for Faculty on "Being a Mentor."



- Support Professional Development Opportunities in the Areas of:
 - Grants and management skills;
 - Pedagogy;
 - Speaking and outreach;
 - Writing.



- Encourage and Support Career Exploration beyond Academia
 - Experiential learning;
 - Non-academic mentor & role model.

