

Benefits of Cross-Sectoral Decision-Making

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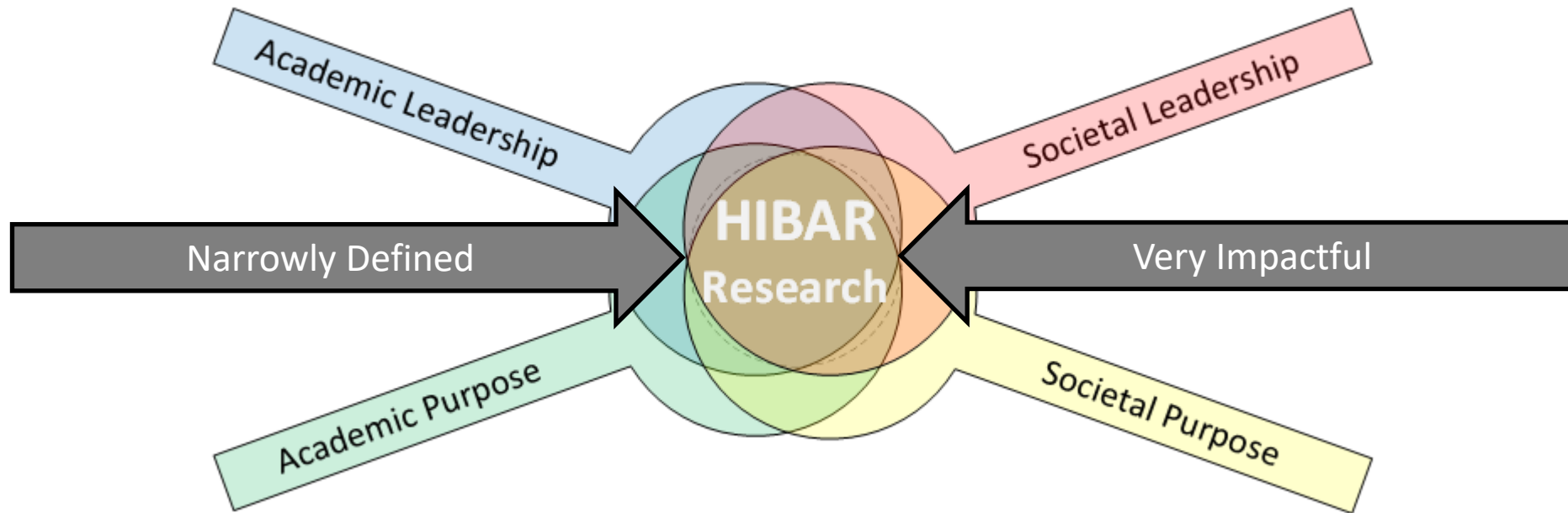
Highly Integrative Basic And Responsive (HIBAR) research projects embrace two key dualities:

(1) They integrate **academic leadership** with **societal leadership**

Which can create cognitive diversity that fuels successful innovation

(2) They integrate **academic purpose** with **societal purpose**

Which can create new knowledge while applying it to practical challenges



The HIBAR Research Alliance (HRA) and its Mission

HIBAR research projects have long existed, and they have been highly generative in many fields (not just science)

Nevertheless they have remained comparatively uncommon in universities, and numerous efforts are underway to address aspects of that problem

The HRA is one example - it is a distributed, organized network of experienced volunteers, united in their support of HIBAR research projects

They aim to help increase the fraction of HIBAR research projects, from about 1/20 today, to about 1/5 by 2030, while improving all research

This will help universities *respond more effectively* to societal needs, while *increasing the overall excellence* of their diverse research portfolios

Achieving this goal requires some adjustments in academic culture, *especially encouraging shared decision-making in research projects*

The HRA Helps to Identify and Share Successful Practices

Because GUIRR's focus is on science, engineering, and medicine we will tend to emphasize those fields in today's event, however...

HIBAR research is not limited to those fields - expertise from all fields, including social sciences & humanities, may be needed in HIBAR projects

Many programs and centers that embrace HIBAR research have a disciplinary focus, so the knowledge, tools, and resources they have developed may seem less relevant to those in other disciplines

The HIBAR Research Alliance aims to make successful practices more available to all researchers by highlighting and sharing the work of others

Diversely Shared Decision-Making Boosts HIBAR projects by:

Significantly increasing the directly accessible pool of knowledge

Enabling a wider range of valuable decision-making processes

Boosting creativity through the integration of diverse perspectives

thus improving morale and engagement of the team

And encouraging future HIBAR research, in a self-reinforcing cycle