

The background is a light blue gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

HIGH-TECH RESEARCH & COLLABORATION

JUNE 28, 2022

ASEE – IPERF WORKSHOP

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RESEARCH & DEVELOPMENT

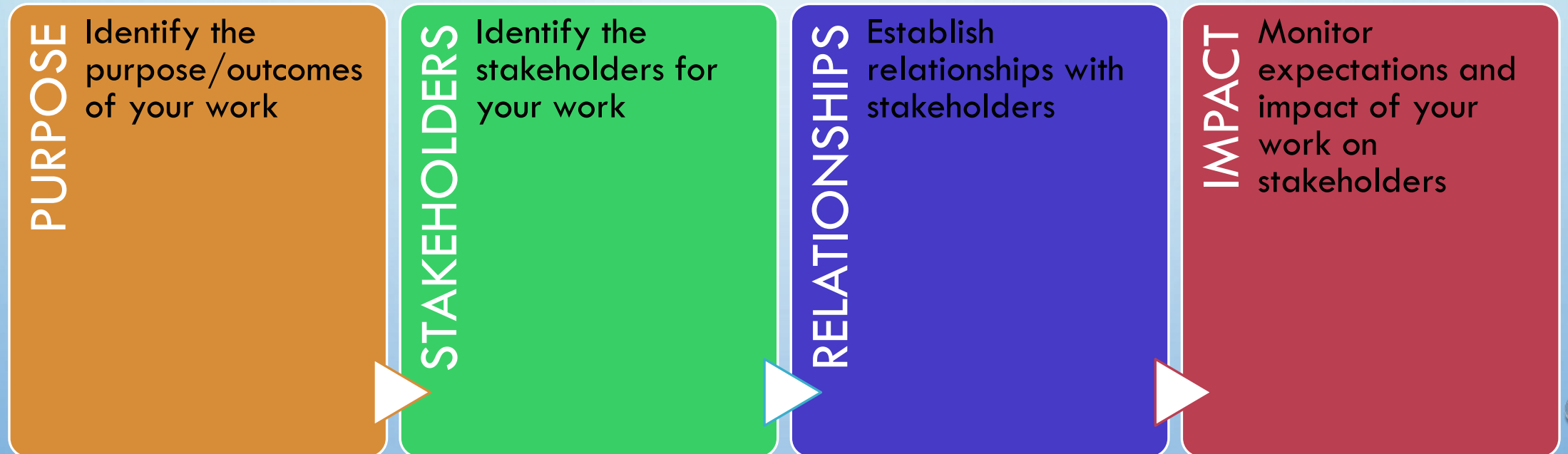
BASIC RESEARCH

- Testing and creating theories and/or constructs
- Driven by curiosity & impacts on the field
- Value in long-term course of research

APPLIED RESEARCH

- Testing application of basic research findings within real-world contexts
- Driven by specific product issues & revenue goals
- Value in immediate impacts and nimble operations

RESEARCH & COLLABORATION IMPERATIVES



RESEARCH & COLLABORATION: PURPOSE

Key Goals for Industry Research

Foundational Insights

Innovation Opportunities

Quantifiable Specs

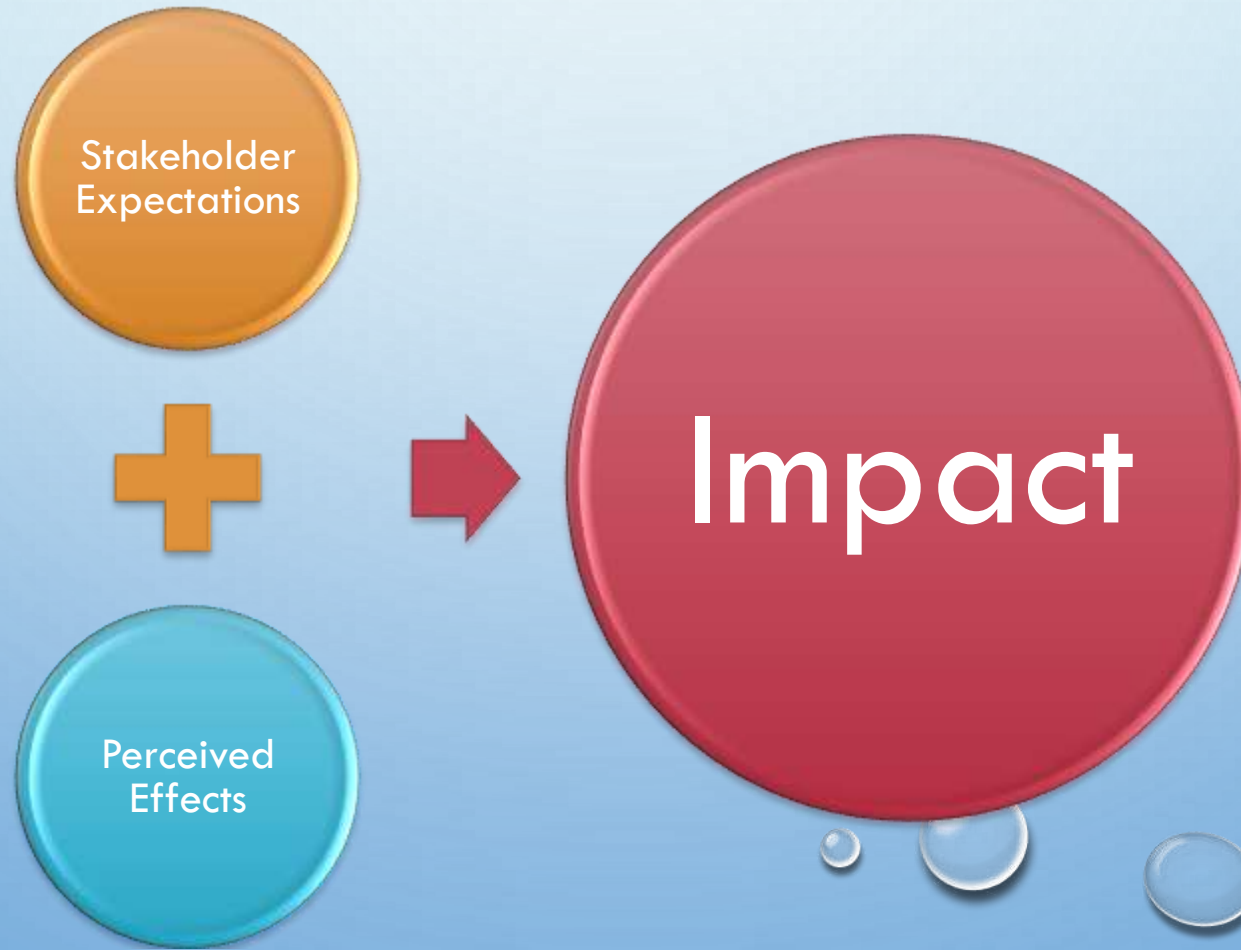
RESEARCH & COLLABORATION: STAKEHOLDERS



RESEARCH & COLLABORATION: RELATIONSHIPS



RESEARCH & COLLABORATION: IMPACT



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ADDITIONS, COMMENTS, & QUESTIONS



The background features a light blue gradient that transitions from a pale, almost white hue at the top to a deeper, more saturated blue at the bottom. Scattered throughout the image are several realistic water droplets of various sizes, each with a distinct highlight and a soft shadow, giving them a three-dimensional appearance. The droplets are primarily located in the top-left and bottom-right corners, with a few smaller ones scattered in the upper right and lower left areas.

PROFESSIONAL NETWORKING

NETWORKING

Why?

Who?

How?

NETWORKING: WHY?

Create opportunities for future collaborations, team-building, or employment

Find options/resources for skill building and experimentation

Obtain access to knowledge relevant to career or field

Identify potential mentors or mentees

NETWORKING: WHO?

- Former classmates
- Department team-members
- Colleagues in other departments
- Professional juniors, peers, and seniors
- Professionals in adjacent fields
- Directors and executives in industry-of-interest

NETWORKING: HOW?

Online

LinkedIn

Twitter

Alumni Networking Portals

Industry Networking Portals

In-Person

Industry Social Events & Outings

Workshops & training courses

Conferences

Alumni Events

Philanthropic committees & Events

Community Events

Misc Social Outings

NETWORKING: HOW? cont'd

IN-PERSON GOALS

- Speak to at least 5 new people
- Identify 2 you really want to contact again

ONLINE GOALS

- Connect with 1 person per month that you'll follow-up and speak to

NETWORKING: HOW? cont'd

IN-PERSON OPTIONS

- Embrace awkward situation – **everyone** is nervous
- Go alone to avoid clustering with known associates
- Aim to learn about one interesting project the other person is working on

ONLINE OPTIONS

- Personalize the invite/connection note with one general reason you want to connect
- Ask the person if they are open to a 15 minute conversation in next 2 weeks
- Reshare job opportunities your network may care about

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ADDITIONS, COMMENTS, & QUESTIONS

