



NJ PATHWAYS

TO CAREER OPPORTUNITIES

Aligning Education to Build an Innovative Workforce

Welcome.

We ask that you please take this time to mute yourself, thank you.
In the chat, please provide your name, title and organization.



April

Infrastructure & Energy Collaborative Meeting

Theme: Experiential Learning

NJ Pathways to Career Opportunities

New Jersey's Community Colleges and the New Jersey Business and Industry Association have joined together to launch an unprecedented education and training pathways initiative.



AARON FICHTNER

President, New Jersey Council of
County Colleges



MICHELE SIEKERKA, ESQ.

President & CEO, New Jersey Business
and Industry Administration

PARTNERSHIP



NJ PATHWAYS
TO CAREER OPPORTUNITIES
Aligning Education to Build an Innovative Workforce

TODAY'S AGENDA:

- **The Importance of Experiential Learning and Best Practices**
 - Claire Jacobson - Vice President, Campus Strategy (Student Opportunity Center)
- **Pathways to Career Opportunities**
 - *The NJIT Makerspace*
 - Daniel Brateris - Director of Experiential Learning (Newark College of Engineering / NJIT Makerspace)
 - Justin T. Suriano - Manager (NJIT Makerspace)
 - *The NJIT Solar Car Team*
 - Manav Guzraty - Student (NJIT Solar Car Team)
 - Rishabh Sinha - Student (NJIT Solar Car Team)
 - Danny Balseca - Student (NJIT Solar Car Team)
- **Breakout Sessions Facilitated by the NJ Pathways team**
 - Does your organization have an “experiential learning” best practice?
 - Have there been any roadblocks that you have encountered in implementing experiential learning?
 - Do you have an experiential learning success story (positive outcomes)?

Give Us Your Feedback



FILL OUT THIS QUICK SURVEY
BASED ON YOUR EXPERIENCE
OF THIS MEETING



NJ PATHWAYS
TO CAREER OPPORTUNITIES
Aligning Education to Build an Innovative Workforce

Please use the hashtag:

#NJPathways

To share your participation in the
NJ Pathways to Career Opportunities
Industry Collaborative Meetings





SPEAKER

Expert Speaker

DR. CLAIRE JACOBSON

Vice President, Campus Strategy
(Student Opportunity)

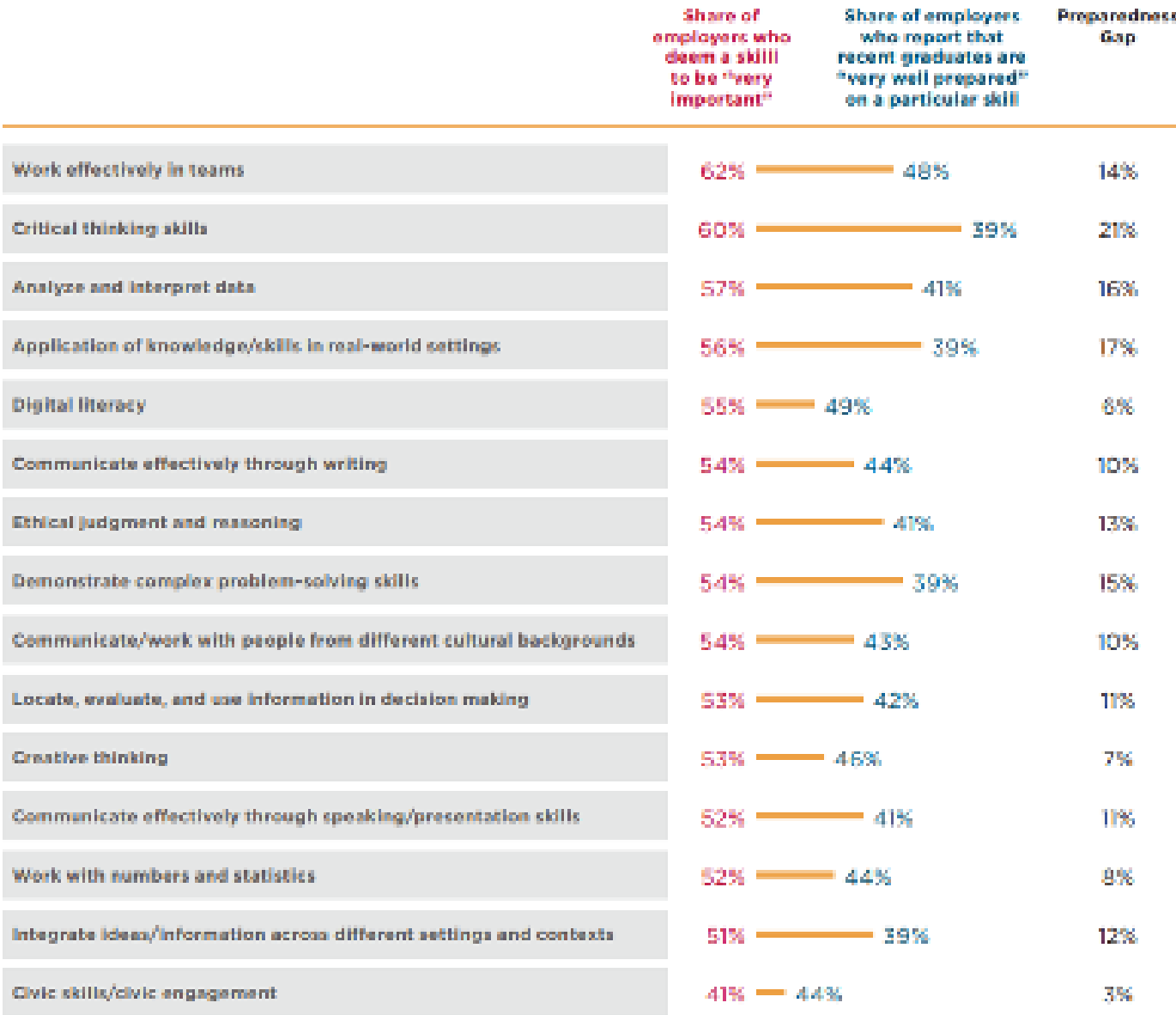


The Importance of
Experiential Learning



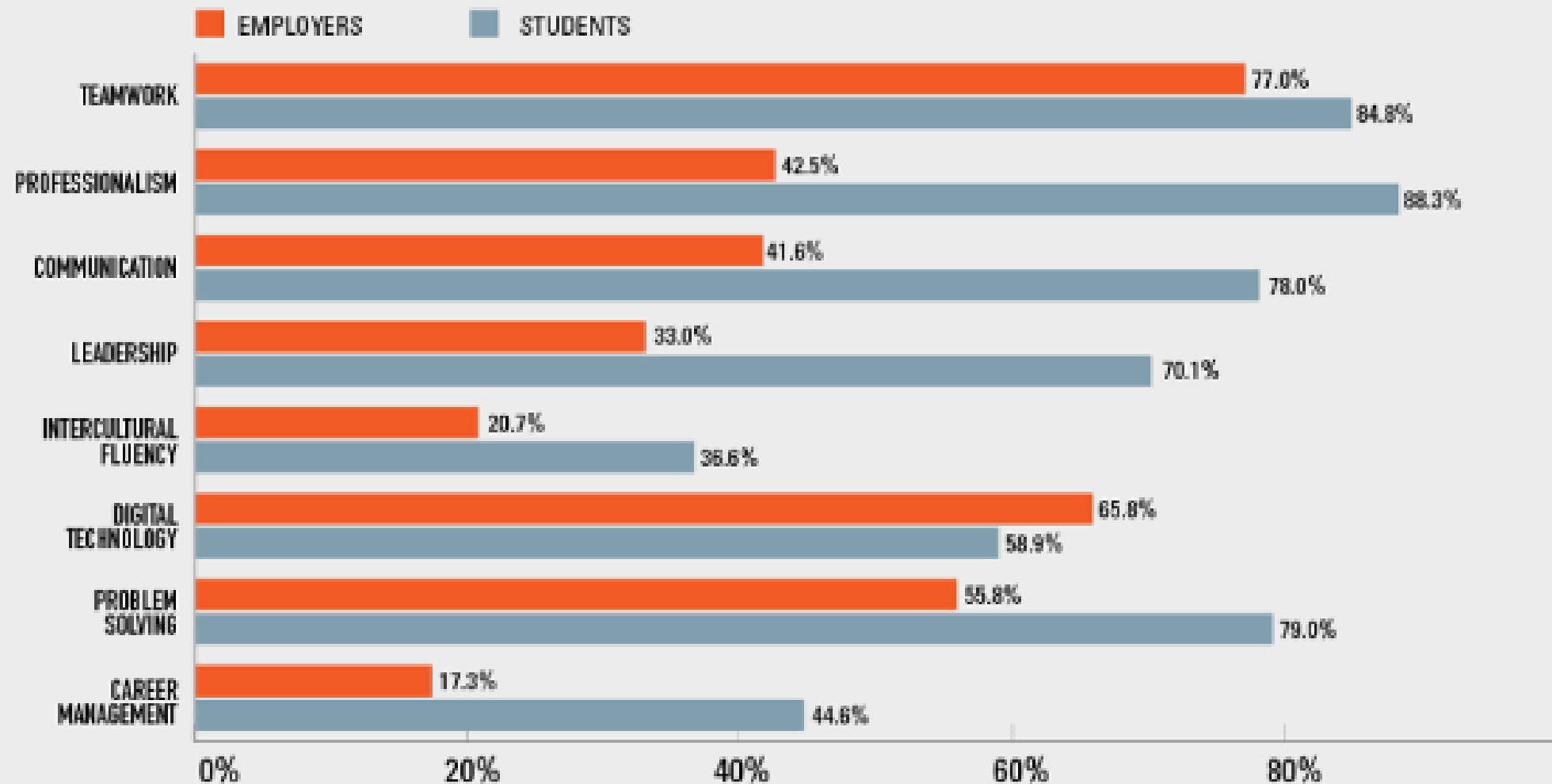
FIGURE 12

Employers do not believe most graduates possess the level of preparedness needed for workforce success.



Preparedness Gap:
Difference between skills
employers say students need
and possess.

FIGURE 1 Employer rated proficiency vs. student rated proficiency



SOURCE: NATIONAL ASSOCIATION OF COLLEGES AND EMPLOYERS, *JOB OUTLOOK 2018*, 2019 STUDENT SURVEY



Undergraduate Research
Common Intellectual Experiences
Service Learning
Capstones
Internships
ePortfolio
Learning Communities
Collaborative Assignments
First-Year Seminar
Writing Intensive Courses
Study Abroad

**What are High-
Impact
Practices?**

CAREER READINESS COMPETENCIES & SKILLS

COLLEGE-to-CAREER²

CRITICAL THINKING / PROBLEM SOLVING

- Recognize, build, and appraise arguments
- Create and implement action plans
- Analyze visual data
- Conduct academic and archival research
- Mine and analyze data
- Create and implement solutions to crises/problems
- Identify errors in reasoning
- Provide useful summaries/predicts
- Connect valid research to support arguments/claims
- Weigh options by considering impact

ORAL / WRITTEN COMMUNICATION

- Communicate to a mass audience
- Use presentation software effectively
- Produce successful and convincing proposals
- Engage in social/community/political activism
- Edit and publish material
- Engage in storytelling and analyze narrative
- Prepare interview questions and answers
- Curate and maintain social media information
- Translate research
- Participate in active listening and respond appropriately

TEAMWORK / COLLABORATION

- Assist in organizing and planning
- Collaborate in group projects
- Participate in collaborative writing
- Design and assess tasks
- Prioritize tasks
- Follow through on tasks
- Manage executive order function
- Navigate conflict
- Listen and respond appropriately
- Show commitment and follow through

DIGITAL TECHNOLOGY

- Demonstrate technical and program literacy
- Design creative digital solutions
- Know and apply field-related tech to solve challenges
- Engage in copywriting and editing tasks
- Translate data
- Create audience-appropriate layouts
- Engage in variety of digital publishing formats
- Produce audio and video solutions
- Manage podcast projects
- Use variety of modalities to express meaning

LEADERSHIP

- Organize and manage projects
- Develop time management strategies
- Train/teach others how to perform tasks
- Observe and reflect
- Perform an advisory role
- Develop and implement outcomes
- Promote critical literacy
- Take calculated risks
- Manage conflict resolution
- Generate ideas

PROFESSIONALISM / WORK ETHICS

- Meet deadlines
- Demonstrate sensitivity to other's concerns
- Ask and respond appropriately to questions
- Accept responsibility
- Anticipate needs
- Seek other perspectives
- Demonstrate time management
- Adapt to changed circumstances/environments
- Interpret other's emotions
- Solicit and adjust to feedback

CAREER MANAGEMENT

- Adapt to professional situations
- Demonstrate an awareness to digital presence
- Set and achieve goals
- Articulate interests, skills, and values
- Show attention to detail
- Take initiative
- Network
- Curate e-portfolio
- Identify support groups needed to achieve goals
- Implement solutions

GLOBAL / INTERCULTURAL FLUENCY

- Show an awareness of diverse perspectives
- Demonstrate respect for other cultures
- Approach team/group communication with sensitivity and openness
- Show awareness of global/community issues
- Question forms of power, privilege, and inequality
- Develop a sense of personal and civic responsibility
- Analyze cultural norms and values
- Understand the influence of history, geography, gender, race, ethnicity, etc., on identity
- Develop strategies for communicating with people with different languages
- Demonstrate self-sufficiency in 'outside the comfort zone' situation

From Georgia State University

Experiential Learning Pathways

Your journey starts with...



THE FIRST YEAR
EXPERIENCE (FYE)



CAREER PLANNING
MILESTONES



CAPSTONE COURSE
IN YOUR MAJOR

+ choose 2 from...



INTENSIVE
LEADERSHIP
EXPERIENCES



MENTORED
UNDERGRADUATE
RESEARCH



COMMUNITY-BASED
ENGAGED LEARNING



INTERNSHIPS



STUDY ABROAD/
STUDY AWAY

Where will your journey take you?

From Georgia College



Connect with Me

Claire E. Jacobson, Ph.D.

Vice President, Campus Strategy
Student Opportunity Center
claire@studentopportunitycenter.com



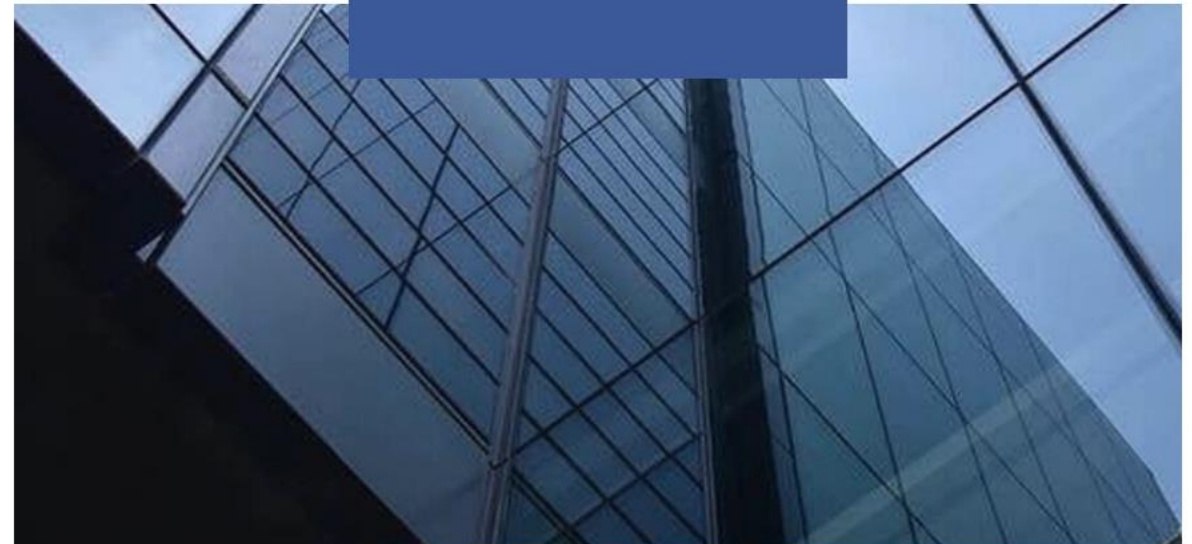
Student
Opportunity
Center

Pathways to Career Opportunities

The Newark College of Engineering
at NJIT Solar Car Team



PRESENTATION



Meet the Team:

The NJIT Makerspace



DANIEL BRATERIS

Director of Experiential Learning (Newark College of Engineering / NJIT Makerspace)



JUSTIN T. SURIANO

Manager (NJIT Makerspace)

The NJIT Solar Car Team



MANAV GUZRATY

Student (NJIT Solar Car Team)



RISHABH SINHA

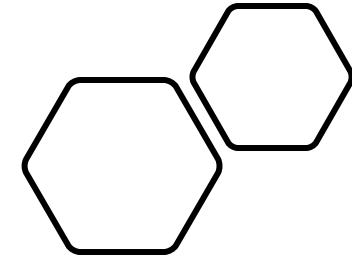
Student (NJIT Solar Car Team)

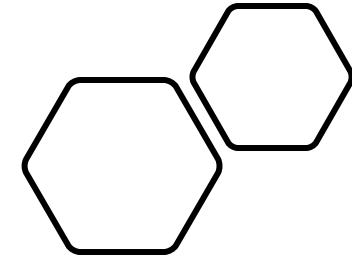


DANNY BALSECA

Student (NJIT Solar Car Team)









Please Join a Breakout Room

PLEASE FOLLOW THESE INSTRUCTIONS:

1. Once opened, you will be automatically assigned to a Breakout Room.
2. Click Breakout Rooms in your meeting controls.
3. When prompted, click "Join Meeting."
4. Once you're in the Breakout Room, please put your name and title in the chat.
5. Please raise your hand to respond to the questions that are being presented.