

Silly Gies

# **2025 Sustainability Expertise Case Competition**

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# STAKEHOLDER INSIGHT

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**Clara Chen**

Professor of Accountancy

- Links to articles
- More information on Goals
- Motivating research areas
- Finding collaborators with common interest



**Andressa Kamiyama**

PHD in Chemical Engineering Candidate

- Searching for potential RA
- Links to Professor Websites
- Status of Professors
- Professor topics of interest



**Fei Du**

Professor of Accountancy

- Finding collaborators with similar interest but complementary skill sets

# HOME PAGE

The screenshot shows the homepage of the Gies College of Business Sustainability Dashboard. At the top, there's a navigation bar with a blue gradient bar on the left, the college logo, and the text "Gies College of Business" and "SUSTAINABILITY DASHBOARD". On the right is a three-line menu icon.

The main content area features a section titled "OUR MISSION" with the heading "Moving from Information to Action." in large, bold, dark blue text. Below this, a paragraph reads: "Empowering our community to track, understand, and contribute to sustainability initiatives. We bridge data-driven insights with actionable solutions to create lasting impact at Gies College of Business." Two buttons are present: "Join the Movement" (orange) and "Explore Data" (white).

Below this, three statistics are listed: "150+" Active Projects, "50+" Researchers, and "1k+" Students.

To the right, a "Professor Spotlight" feature highlights Jeffrey R. Brown with the title "Jeffrey R. Brown - Research Impact Story No. 1". It includes a photo, the title "IMPACT STORY Featured Research", the volume information "VOL. 1, NO.1 • 20 NOVEMBER 2025", and a quote: "TIAA Trustee & Audit Committee Chair". A "KEY METRIC → SGD Spotlight" is also shown.

At the bottom right is a red button labeled "Ask AI Assistant" with a small icon.

# COLLABORATION HUB

## Collaboration Compatibility Score

**Goal:** Pair faculty with complementary skill sets and aligned research interests

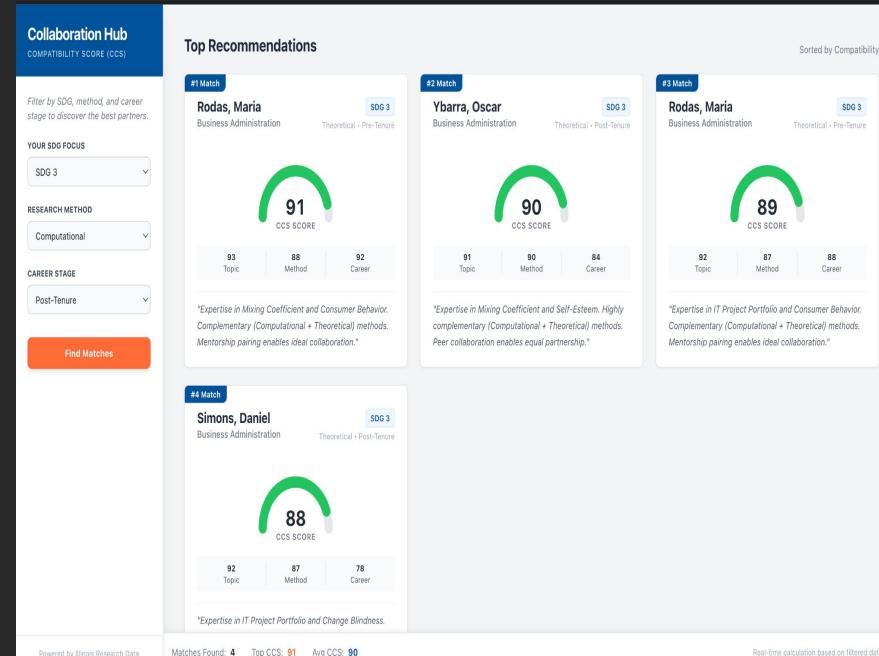
## Weighting of Score

Weighting according to Professor Fei's insights:

Topic Match - 45%

Method Match - 40%

Career Stage - 15%



# Current Statistics

- **Objective:** showcase to potential donors and college leadership past and current research striving towards sustainability development.
- Utilizes a clickable wheels to reveal data corresponding to each sustainability goal



# Research Trends

## Coverage Analysis

⟳ Refresh

The current research landscape for the Sustainable Development Goals exhibits a significant imbalance. While certain environmental and social goals like Climate Action, Health, and Clean Energy are extensively studied, critical foundational and systemic goals such as Partnerships, Life Below Water, and Peace, Justice, and Strong Institutions are severely under-researched, indicating major gaps in academic attention.

### WELL COVERED

1. SDG 13: Climate Action
2. SDG 3: Good Health and Well-being
3. SDG 7: Affordable and Clean Energy
4. SDG 6: Clean Water and Sanitation
5. SDG 9: Industry, Innovation and Infrastructure

### LACKING COVERAGE

1. SDG 17: Partnerships for the Goals
2. SDG 14: Life Below Water
3. SDG 16: Peace, Justice and Strong Institutions
4. SDG 2: Zero Hunger
5. SDG 10: Reduced Inequality

## 2025 Sustainability Expertise Case Competition

### Goal

The objective is to provide a clear, data-driven view of sustainability and SDG-related research activity across the university, so students, and faculty can identify key research strengths, spot gaps and emerging trends, and discover opportunities for collaboration.

### Insights

Students can use this dashboard to discover active sustainability topics, identify under-researched SDGs, and find potential collaborators whose work matches their interests. Faculty can use it to track their department's research activity, spot emerging trends and gaps, and identify colleagues for interdisciplinary projects and strategic opportunities.

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# Q & A

