**University of Michigan Workshop on Future Manufacturing: Brainstorming New Ideas, Identifying Opportunities, and Initiating New Collaborations**

**February 10th, 2023 – College of Engineering**

NSF puts out a yearly call for small and large proposals in [Future Manufacturing](https://beta.nsf.gov/funding/opportunities/future-manufacturing-fm) with a goal of supporting fundamental research and education of a future workforce to overcome scientific, technological, educational, economic, and social barriers in order to catalyze new manufacturing capabilities that do not exist today. The goal of this workshop is to bring together faculty from a variety of disciplines to brainstorm ideas for this specific call as well as build a community across disciplines interested in manufacturing that could lead to future collaborative proposals.

**Call for Participation:** We are seeking participants with a diverse range of expertise outside manufacturing who are interested in collaborating with manufacturing researchers to develop unique ideas in Future Manufacturing, particularly in the areas of: Future Cyber Manufacturing Research, Future Eco Manufacturing Research, and Future Biomanufacturing Research. Participants are encouraged to apply for this one-day workshop. Attendance will be confirmed at least 1 week before the workshop. Please apply for the workshop using this **link**.

The workshop will take place in the Johnson Rooms in the Lurie Engineering Building on North Campus at the University of Michigan. Lunch/coffee breaks will be provided.

**Workshop Description:** The aim of this one-day workshop is to promote an interactive and free-thinking environment where a diverse group of participants from a range of disciplines and backgrounds can get together to immerse themselves in a collaborative thinking process to construct innovative approaches for identifying and tackling critical challenges in the future of manufacturing. The aim is to bring individuals from different disciplines together to interact and co-create new ideas, to learn from one another, and develop an integrated vision (or multiple visions) for future manufacturing research initiatives.

**Important Dates**

**Application Submission Opens:**

**January 20th, 2023**

**Application Submission Due:**

**January 31st, 2023**

**Notice of Workshop Attendance:**

**February 3rd, 2023**

**Workshop:**

**February 10th, 2023**

**NSF Solicitation Deadline:**

**April 19, 2023**

**Organizing Committee**

**Chinedum Okwudire** (Mechanical Engineering) – Special Assistant to the Dean in Manufacturing

**Kira Barton** (Robotics and Mechanical Engineering) – Special Assistant to the Dean in Robotics

**Nakhiah Goulbourne** (Aerospace Engineering) – Special Assistant to the Dean in Convergence Research

**Eric Michielssen** (Electrical Engineering and Computer Science) – Associate Dean for Research

**Ann Verhey-Henke** – Strategic Director, Center for Socially Engaged Design

**Ann Burke** - Socially Engaged Designer and Facilitator