The Mission of the CFE is to unlock the full entrepreneurial potential at the University of Michigan by helping people to understand, experience, practice, and refine the skills needed to successfully translate their knowledge, ideas, leadership, creativity, and enthusiasm into lasting value in the world.

We achieve this potential by providing broad and inclusive access to a wide variety of educational opportunities, immersive learning experiences, timely and powerful mentorship, and meaningful connections to the global industry leaders that are building the future.

**LETTER FROM THE EXECUTIVE DIRECTOR**

As I write my first letter from the Dixon and Carol Doll Executive Director’s chair, the office is bustling with activity across all our program areas: Entrepreneurial Practice, Academics, ICorps, MBVF, and Engagement. This is just what this team does: work hard and work passionately to create value for so many people. In this report, you can see the scale and variety of the impact that the CFE has delivered over the past academic year. To be clear, it’s been another great year for our program, despite the fact that it was yet another complex year of change, moving incrementally closer to post-pandemic “normalcy,” whatever that means.

As I came on in April, at the end of the academic year, I’d be remiss not to acknowledge those who came before me in this role. Most notably, I’d like to thank Jonathan Fay, whose five years of service shaped the CFE we have today. Happily, we still see Jonathan in the office a few times a week. Between his continued leadership of the ICorps hub and the Climate Change class he co-teaches in our program, we don’t know how he finds time for his new role as a Professor of Practice in the Biomedical Engineering Department. Thanks also to Cristina Jarbou, who stepped in and did an excellent job as Interim Director at the beginning of the calendar year, and managed a very professional Executive Director recruitment process and comprehensive onboarding.

Finally, I’d like to thank the team and the extended CFE family. Everyone has been incredibly helpful and welcoming as I have made my transition from the startup world to academia, and I continue to be very excited about the impact the Center is making and the opportunities to add even more value in the future. The future is bright for the CFE!

**Kurt Skifstad**

Dixon Carol Doll Executive Director
EDUCATION

#1 PROGRAM IN THE MIDWEST
Once again, the Princeton Review/Entrepreneur Magazine ranked the University of Michigan’s Entrepreneurial Education Offerings among the best in the world! Undergraduate Entrepreneurship programming ranked 5th globally and Graduate programs rated 2nd world-wide. Both achieved first place status in the Midwest. CFE classes account for approximately one-third of entrepreneurship credit hours across the University.

STRONG ACADEMIC PROGRAM
The CFE provides broad access to educational opportunities through an ever-expanding catalog of course offerings, designed to develop an entrepreneurial mindset and hone entrepreneurial skills through hands-on experiential learning.

>2,500 CFE STUDENTS

<table>
<thead>
<tr>
<th>Type</th>
<th>Total</th>
<th>CoE (%)</th>
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</thead>
<tbody>
<tr>
<td>PHD</td>
<td>110</td>
<td>78%</td>
</tr>
<tr>
<td>MS</td>
<td>722</td>
<td>78%</td>
</tr>
<tr>
<td>UG</td>
<td>1,669</td>
<td>43%</td>
</tr>
</tbody>
</table>

ENTREPRENEURSHIP ABROAD
Summer 2022 saw 26 undergraduates embrace the opportunity to expand their entrepreneurial education in the global arena. In collaboration with CoE’s Int’l Programs in Engineering and partner universities in Denmark and Portugal, U-M students gained the skills and tools required to succeed as entrepreneurs. Cross-national mentors and international internships cemented curricular, real-world project work.

STUDENT ENROLLMENT BY THE NUMBERS

UNDERGRADUATE STUDENTS

- ENGINEERING
- LSA
- BUSINESS
- INFORMATION
- OTHER

MASTER’S STUDENTS

- ENGINEERING
- LSA
- BUSINESS
- INFORMATION
- OTHER

PHD STUDENTS

- ENGINEERING
- LSA
- OTHER
EXPERIENTIAL LEARNING PROGRAMS

The CFE’s Entrepreneurial Practice programs help students develop into “Michigan Entrepreneurs” by providing them the means to apply their entrepreneurial mindset beyond the classroom. During the 2021 - 2022 academic year, over 100 students participated in the TechLab at Mcity, Entrepreneurs Leadership Program (ELP), Innovation for Impact: Defense and Security, and Innovation for Impact: Climate Change, collaborating with mentors, industry executives, and startups to tackle real-world problems.

ENTREPRENEURS LEADERSHIP PROGRAM

This year, the 7th cohort of ELP graduated with an impressive set of capstone projects, of which many have the potential to become new ventures. This cohort was also supported by the inaugural ELP Mentor cohort, featuring 21 select alumni, entrepreneurs, and investors that individually coached each student. The program looks forward to continuing to grow and nurture the broader ELP community as alumni develop companies and secure leadership positions at exciting and globally important startups.

SEVENTH ELP COHORT

<table>
<thead>
<tr>
<th>College of Engineering</th>
<th>2022 COHORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ross Business School</td>
<td>TechLab at Mcity</td>
</tr>
<tr>
<td>LSA</td>
<td>6 NEW PROJECTS</td>
</tr>
<tr>
<td>Ford School of Public Policy</td>
<td></td>
</tr>
</tbody>
</table>

21 ACCEPTED
138 APPLICATIONS
3 NEW COMPANIES
25 STUDENTS
3 RETURNING COMPANIES
6 NEW PROJECTS

INNOVATION FOR IMPACT

DEFENSE & SECURITY

During the Winter semester, the National Security Innovation Network (NSIN) deepened its partnership with the CFE. This course collaboration provides students with the opportunity to address real national security challenges. Projects included body imaging for the battlefield of the future (U.S. Army), timely server patching (DLA Information Ops), mobility performance assessment of autonomous ground vehicles (NATO Research Group) and battery optimization (Special Forces). Department of Defense projects have a great impact on all participants, with one U-M student securing an elite X-Force Fellowship summer internship.

FORTH COHORT

<table>
<thead>
<tr>
<th>2022 COHORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 STUDENTS</td>
</tr>
<tr>
<td>5 UNIQUE PROJECTS</td>
</tr>
<tr>
<td>1 AMERICORPS TEAM LEAD</td>
</tr>
<tr>
<td>1 X-FORCE FELLOW</td>
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TECHLAB AT MCIty

TechLab at Mcity has become a worldwide draw for students who wish to pursue entrepreneurial careers in the connected and autonomous vehicle industry. This year featured 31 students working on 6 ambitious technical projects, partnered with Baraja Lidar (Sydney, Australia), Deepen AI (Santa Clara, CA), ADASTEC (Istanbul, TR), P3 Mobility (Ann Arbor, MI), Gatik AI (Palo Alto, CA), and Xenomatix (Leuven, BE). The program is a known talent pipeline, with nearly half of all graduates either working directly in the CAV space or supporting industries.
In this National Science Foundation-sponsored program, 15 university partners work together to provide entrepreneurial training to academic researchers. In 2022, over 400 teams were trained to conduct customer discovery interviews and evaluate a technology’s commercial opportunity. A diverse group of over 50 instructors and mentors support these teams in learning how to define their customer segments and value propositions and explore the industry ecosystem. As these teams continue to learn and develop their technologies, they will create more use-inspired research, establish startups, license technologies, or use the entrepreneurial mindset wherever their career leads them.

In collaboration with Michigan Medicine’s Fast Forward Medical Innovation, the CFE provides necessary early-stage capital to nascent U-M startup companies in the biomedical and life science space through the Michigan Biomedical Venture Fund (MBVF). This fund, founded based on an initial gift from the Monroe-Brown Foundation, creates an essential pipeline between research and the biomedical innovation life cycle, funding innovations in areas such as therapeutics, medical devices, diagnostics, and health technologies to create lasting impact on both the healthcare space and the economy. The fund has invested $3.15M in 12 companies with a current enterprise valuation of $140M. In the process, more than 125 new jobs have been created. The fund continues to grow as an important engagement vehicle for potential donors in the College of Engineering. Arborsense, MDI Therapeutics, FlexDex Surgical, and Ripple Science are just a few of the companies making gamechanging medical innovations.

Previously known as TechLab: Climate Change, Innovation for Impact: Climate Change has continued to grow since its successful launch in 2019. In this robust program, top-tier graduate and undergraduate students are paired with emerging and scaling startup carbon tech companies, including Svante (British Columbia), Ayatis-Dsider (Houston, TX), Cross River Infrastructure Partners (Stamford, CT) and LanzaTech (Skokie, IL). Students tackle immersive projects that mitigate an important problem for the company. Through this partnership, students learn the entrepreneurial process directly from the principles of the company, while also working to make a significant impact on the carbon balance of the planet.
LEARN MORE ABOUT THE CENTER FOR ENTREPRENEURSHIP

OUR MISSION
To learn more about our mission, visit bit.ly/cfemission

FOR PARTNERS
To learn how you can get involved with the CFE, visit bit.ly/cfepartners

FACULTY & RESEARCHERS
To find faculty and researcher resources, visit bit.ly/cfefaculty