HIGHLIGHTS

After successful fall and spring recruiting seasons The Center transitioned all of our services for students and employers online in March.

- Extended virtual offering of advising, workshops and other programs through the summer to help assist students impacted by Covid.
- Created Virtual Internship course that offered 200+ professional development and networking virtual events to students unable to secure an internship.
- Coordinated 4 high volume engineering focused events (Co-Op/Intern Exchange, Expo, Partners Week, Engineered in the Mitten) with 2200+ students in attendance and 852 day after interviews.

Fall 2019 Undergraduate Enrollment Composition

<table>
<thead>
<tr>
<th>Gender</th>
<th>Mechanical Engineering</th>
<th>Electrical Engineering</th>
<th>Computer Engineering</th>
<th>Biosystems Engineering</th>
<th>Senior</th>
<th>Junior</th>
<th>Sophomore</th>
<th>First-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>76.8% (4,004)</td>
<td>26.0% (1,354)</td>
<td>8.3% (432)</td>
<td>5.9% (310)</td>
<td>41.6%</td>
<td>20.6%</td>
<td>20.9%</td>
<td>16.9%</td>
</tr>
<tr>
<td>F</td>
<td>23.2% (1,210)</td>
<td>25.2% (1,315)</td>
<td>7.9% (412)</td>
<td>3.3% (171)</td>
<td>18.4%</td>
<td>19.4%</td>
<td>19.1%</td>
<td>13.1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Engineering</td>
<td>26.0%</td>
<td>10.4%</td>
<td>26.4%</td>
</tr>
<tr>
<td>Computer Science</td>
<td>25.2%</td>
<td>6.1%</td>
<td>21.2%</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>10.4%</td>
<td>19.6%</td>
<td>14.5%</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>8.3%</td>
<td>17.9%</td>
<td>16.2%</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>3.3%</td>
<td>6.9%</td>
<td>5.1%</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>6.5%</td>
<td>15.0%</td>
<td>10.8%</td>
</tr>
<tr>
<td>Applied Engineering Sciences</td>
<td>7.9%</td>
<td>14.6%</td>
<td>12.3%</td>
</tr>
<tr>
<td>Computers Science</td>
<td>7.9%</td>
<td>7.3%</td>
<td>7.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>66.0%</td>
</tr>
<tr>
<td>International</td>
<td>13.1%</td>
</tr>
<tr>
<td>Asian / Pacific Islander</td>
<td>8.8%</td>
</tr>
<tr>
<td>Black</td>
<td>4.3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>3.9%</td>
</tr>
<tr>
<td>Multiracial</td>
<td>3.0%</td>
</tr>
<tr>
<td>Not reported</td>
<td>0.7%</td>
</tr>
<tr>
<td>Native American</td>
<td>0.1%</td>
</tr>
</tbody>
</table>
DIGITAL ENGAGEMENT
Utilized website, social media and a weekly newsletter to share event information, development opportunities & job postings.

250K total impressions across all platforms

CAREER ADVISING
Our full-time staff and student workers "career peers" conducted +2000 advising appointments, 14% of those were virtual.

ACADEMIC ORIENTATION PROGRAM
Increased engagement 75%, connecting with 420 incoming freshmen to discuss career readiness.

MOCK INTERVIEWS
139 mock interviews conducted

WORKSHOPS
Conducted 38 workshops engaging with +1700 students

SPRING BREAK CORPORATE TOUR
Took a group of 27 students on 9 company tours across the Carolinas and Florida to connect with employers while exploring the offerings of the region.

FRESHMEN ENGAGEMENT HIGHLIGHTS
At the start of the 2019-2020 academic year there were 1639 freshmen engineering students

- 44% had a career advising appointment
- 98% have logged in to Handshake
- 20% participated in a virtual career fair
- 76% have a resume in Handshake

*Data represents activity through August 2020
Building & Maintaining Employer Relationships

In the 2019-2020 academic year there were over 6,500 employers that recruited spartan engineers, both virtually and on-campus.

EMPLOYER EVENTS

Employers hosted 19 events targeting engineers.

TOP 5 STATES FOR APPLICANTS

Michigan  California  Illinois  Texas  Ohio

CARERE FAIRS

Coordinated 4 high volume engineering focused events (Co-Op/Intern Exchange, Expo, Partners Week, Engineered in the Mitten) with 2,200+ students in attendance and 852 day after interviews.

FULL-TIME VS INTERN/CO-OP JOB POSTINGS

<table>
<thead>
<tr>
<th></th>
<th>Full-Time</th>
<th>Intern/Co-Op</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage</td>
<td>66%</td>
<td>30%</td>
</tr>
</tbody>
</table>

33% increase in co-op postings since 2018-2019

ATTENDANCE BY MAJOR

<table>
<thead>
<tr>
<th>Major</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES</td>
<td>68</td>
</tr>
<tr>
<td>BE</td>
<td>49</td>
</tr>
<tr>
<td>ChE</td>
<td>115</td>
</tr>
<tr>
<td>CE</td>
<td>85</td>
</tr>
<tr>
<td>CpE</td>
<td>54</td>
</tr>
<tr>
<td>CSE</td>
<td>249</td>
</tr>
<tr>
<td>EE</td>
<td>103</td>
</tr>
<tr>
<td>ENE</td>
<td>33</td>
</tr>
<tr>
<td>ME</td>
<td>327</td>
</tr>
<tr>
<td>MSE</td>
<td>22</td>
</tr>
</tbody>
</table>

48% of graduating seniors found full-time employment from attending a career fair
**EGR 393**

**Experiential Education**

EGR 393 is a series of one credit courses designed to enhance a student's experiential education work term by simulating opportunities for non-technical aspects of professional development and assessment of expectations. In addition, the student will be guided through an in depth appraisal of their post-graduation professional options.

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**MEDIAN HOURLY WAGE**

(SUMMER 2020)

$21.00

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**COURSE ENROLLMENT (Fall 2019-Summer 2020)**

Throughout the 2019-2020 academic year, we recorded **499 enrollments in EGR 393**. This represents only those students who chose to register their experience for credit (approx. 30% of interns / co-ops).

**TOP EMPLOYERS FOR STUDENTS IN EGR X**

**TOP 5 EMPLOYERS IN MICHIGAN**

DTE (16)
FRAUNHOFER USA, INC. (12)
CONSUMERS ENERGY (8)
BORGWARNER (7) DOW (7)

**TOP 5 EMPLOYERS OUTSIDE MICHIGAN**

DEPUY SYNTHES - IN (13)
MARATHON - OH (8)
AMCOR - WI (6)
GE AVIATION - VARIOUS (5)
TESLA, INC - NV/ CA (4)

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In response to the transition to remote work and reduction of intern/co-op opportunities, The Center created "The Virtual Experience." EGR 193 was designed to offer students virtual professional development opportunities through assignments, workshops and networking events.

**COMMUNITY PARTNERS**

We partnered with WayUp, TechFest, After 5 Detroit and The Engineering Society of Detroit to offer **+200 unique virtual events**.

**NATIONAL INTERN DAY**

For National Intern day we coordinated a full day of workshops, 8 in total, that offered training in Tableau, Six Sigma, Resumes, Case Studies, LinkedIn and an employer panel. Attendance for the days event was +500.
**2019 Graduate Survey Placement Data**

Data from 616 of 743 graduating students receiving a bachelor's degree (83% response rate)

**GEOGRAPHIC DISTRIBUTION**

A total of 489 graduates reported their employment location.

56% (274) were employed in Michigan

77% (376) were employed in the Midwest

66% (252) of students originally from Michigan stayed in Michigan after graduation

**SALARY DATA**

338 reported salary data

Average Salary

$66,869

**SEARCH RESOURCES**

34% Previous Intern/Co-Op/Work

31% Handshake/Other Job Posting Source

52% On-Campus Recruiting Event

10% MSU Faculty/Staff/Academic Program

27% Personal Network/Family Friend/Other

14% Social Networking

**CAREER OUTCOMES**

97.6%

of graduates reported a career outcome (working/continuing education)

**CO-CURRICULAR ACTIVITIES**

94% of students indicated participation in a Career Based Experience during their time at MSU. Below is a breakdown of the different types of activities they participated in.

- Out of Classroom Experience (internship or co-op): 97%
- Volunteer: 53%
- Research: 54%
- Study Abroad: 28%

**SALARY DATA**

338 reported salary data

Average Salary

$66,869