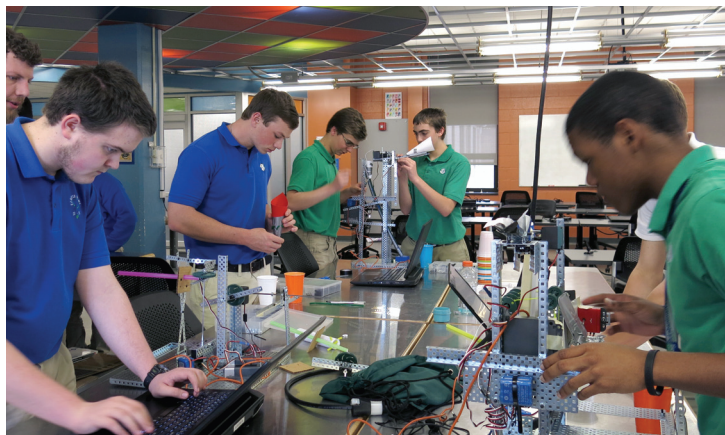


CJ STEMM

Science, Technology, Engineering, Math, Medicine

D E P A R T M E N T



Faculty

Meg Draeger Coordinator

BS University of Illinois
MBA University of Dayton
20 years of experience

Mathew Fuhs

BS Indiana University
4 years of experience

Eric Grimm

BE University of Dayton
MS University of Dayton
3 years of experience

Cathryn Maga

BA Biology, Thomas More College
MA Education, Xavier University
4 years of experience

Amy O'Loughlin '86

BA University of Notre Dame
11 years of experience

Amanda Ooten

BS Ohio State University
MEd University of Dayton
8 years of experience

Department Highlights

- ✓ CJ was the first Catholic high school in Ohio to be dually certified to provide the *Project Lead the Way (PLTW)* for the Engineering and Biomedical Sciences programs.
- ✓ College credit is available for students who successfully complete the *PLTW* coursework and national exams.
- ✓ The *PLTW* curriculum is rigorous and contemporary, inquiry/project-based, and supported by ongoing teacher professional development.
- ✓ CJ's lab software includes: Autodesk, Auto CAD+Revit, Vernier Software, ROBOTC, VEX Robotic Systems, and three 3D printers.
- ✓ Beyond *PLTW*, all CJ students are provided numerous opportunities to explore STEMM fields of college and career preparation. Programs include events and student competitions at CJ, in the local community, at area colleges and universities, and nationwide.
- ✓ The STEMM Idol Speaker Series is open to all students, and features alumni, educators and professionals in STEMM fields.
- ✓ Numerous CJ parents and alumni are involved, serving as STEMM Idol speakers, mentors to CJ students, job shadowing hosts, work site tour hosts, and judges for competitions.
- ✓ The CJ STEMM Scholar program offers opportunities to local K-8 school students such as annual STEMM summer camps, interactive learning experiences at CJ, and outreach to math and science teachers.
- ✓ CJ students use design thinking, and learn through real world experiences from hands-on activities, field trips, and presentations from experts and professionals in STEMM fields.

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