The College of Computing and Digital Media is dedicated to providing students an innovative edge in today’s computing, design and cinema fields. We are a diverse group of notable and award-winning faculty, students, and programs, with specialized areas of expertise that are nationally and internationally recognized. Our curriculum is reflective and responsive to the latest industry trends, technologies, and ideas across the computing and digital media spectrum. Our programs provide real-world experience and global perspectives through national and international opportunities, enabling students and faculty to keep pace with leaders in their field. Chicago is our engine for creation where students can leverage the resources of the city and our broad alumni network to launch careers that have impact and influence. Whether it’s computing, design or cinema, we believe in the power of innovation and know it is at the heart of our students’ success.

As I write this letter wrapping up the 2019-20 academic year, we remain in a global pandemic that has profoundly altered our lives. While many things have changed, some stayed the same: our CDM community worked hard, showed up for one another, and continued to advance their respective fields.

A year that began like many others changed swiftly on March 11th when the University announced that spring classes would run remotely. By March 28th, the first day of spring quarter, we had moved 500 CDM courses online thanks to the diligent work of our faculty, staff, and instructional designers.

But CDM’s work went beyond the (virtual) classroom. We mobilized our makerspaces to assist in the production of personal protective equipment for Illinois healthcare workers, participated in COVID-19 research initiatives, and were inspired by the innovative ways our student groups learned to network. You can read more about our response to the COVID-19 pandemic on pgs. 17-19.

Throughout the year, our students were nationally recognized for their skills and creative work while our faculty were published dozens of times and screened their films at prestigious film festivals. We added a new undergraduate Industrial Design program, opened a second makerspace on the Lincoln Park Campus, and created new opportunities for Chicago youth.

I am pleased to share with you the College of Computing and Digital Media’s (CDM) 2019-20 annual report, highlighting our collective accomplishments.

David Miller, Dean
CDM PROGRAMS

UNDERGRADUATE
Animation BA/BFA
Computer Science BS
Computing BA
Cyber-Physical Systems BS
Cybersecurity BS
Data Science BS
Film and Television BA/BFA
Game Design BS
Game Programming BS
Graphic Design BFA
Industrial Design BFA**
Information Systems BS
Information Technology BS
Math and Computer Science BS
Network Engineering and Security BS
User Experience Design BS

GRADUATE
Animation MA/MFA
Computational Finance MS
Computer Science Technology JD/MS
Computer Science MS
Creative Producing MFA
Cybersecurity MS
Data Science MS
Digital Communication and Media Arts MA
Documentary MFA
Experience Design MA
Film and Television MS/MFA
Game Design MFA
Game Programming MS
Health Informatics MS
Human-Computer Interaction MS
Information Systems MS
IT Project Management MS
Network Engineering and Security MS
Product Innovation and Computing MS
Screenwriting MFA
Software Engineering MS

PHD
Computer and Information Sciences
Human Centered Design

CERTIFICATES
Analytics
Governance, Risk Management, and Compliance
Project Management
Offered through Institute for Professional Development (IPD)
Advanced Data Science with Python**
Advanced Python*
Advanced SQL
Artificial Intelligence for Enterprise*
Automated Software Testing*
Big Data and NoSQL
Big Data Using Spark
Cloud Computing Technologies
Cybersecurity Risk Management
Data Analytics with Excel
Data Analytics with Excel and Tableau*
Data Science for Business
Data Science: Programming with Python
DevOps
Fundamentals of R
Fundamentals of Statistics and Machine Learning Using R*
Incident Response and Digital Forensics
Introduction to SQL
iOS Developer
Machine Learning and Deep Learning*
Modern .NET Web Development
SQL Server Business Intelligence
SQL Server Database Administration
Web Development with JavaScript and HTML5

* New in 2019-20
** New in 2020-21

BY THE NUMBERS
2019-20
130 full time faculty
214 adjuncts
45 administrative and student services staff
13 technical staff

14 new full time faculty

Christina Harrington, Assistant Professor in the School of Design
Thiru Ramaraj, Assistant Professor in the School of Computing
Zhen Huang, Assistant Professor in the School of Computing
Laura Rossi Garcia, Professional Lecturer in the School of Design
Michaël Cadilhac, Assistant Professor in the School of Computing
Wael Kessentini, Assistant Professor in the School of Computing
Fatou Samba, Professional Lecturer in the School of Cinematic Arts
Roselyne Tchoua, Assistant Professor in the School of Computing
Ilyas Ustun, Professional Lecturer in the School of Computing
Caleb Foss, Professional Lecturer in the School of Design
Sean Bush, Instructor in the School of Computing
Michael Cadihac, Assistant Professor in the School of Computing
Michael DeAnda, Professional Lecturer in the School of Design
Lawrence Kim, Assistant Professor in the School of Cinematic Arts
Jessica King, Instructor in the School of Cinematic Arts
ENROLLMENTS

Total Fall Enrollment

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Total Fall Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-20</td>
<td>13,472</td>
</tr>
<tr>
<td>2018-19</td>
<td>13,333</td>
</tr>
<tr>
<td>2017-18</td>
<td>12,905</td>
</tr>
<tr>
<td>2016-17</td>
<td>13,064</td>
</tr>
<tr>
<td>2015-16</td>
<td>13,026</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Head Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-20</td>
</tr>
<tr>
<td>↑ 29% undergraduate</td>
</tr>
<tr>
<td>↑ 10.6% total head count</td>
</tr>
</tbody>
</table>

BY THE NUMBERS 2019-20 CONTINUED

NUMBER OF STUDENTS IN 2019-20

3,487 undergraduate students + 2,467 graduate students = 5,954 total students

NEW UNDERGRADUATE DEMOGRAPHICS

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Transfer</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women</td>
<td>257</td>
<td>69</td>
</tr>
<tr>
<td>Men</td>
<td>417</td>
<td>177</td>
</tr>
<tr>
<td>Students of Color</td>
<td>285</td>
<td>117</td>
</tr>
<tr>
<td>Out-of-state Students</td>
<td>296</td>
<td>43</td>
</tr>
</tbody>
</table>

929 total new students

SCHOLARSHIP AND ASSISTANTSHIP FUNDING

$2,111,841

*includes CDM scholarships, tuition waiver dollars, and stipends

RETENTION AND OUTCOMES

Retention and Graduation Rates

Career Success Rate

90% undergraduate

91% graduate

employed, continuing education, or pursuing other goals/not seeking

85% First-Year Retention

55% Four-Year Graduation

67% Five-Year Graduation

610 undergraduate + 574 graduate = 1184 diplomas awarded in 2019-20
SCHOOL OF CINEMATIC ARTS

NOTE FROM THE DIRECTOR
This past year the School of Cinematic Arts was faced with unprecedented challenges that no one anticipated when classes began in September. These challenges did not deter our faculty and staff’s dedication to providing the best education possible for our students. Our students and alumni’s ability to create meaningful work speaks to their talents as filmmakers. As we look back on our accomplishments, we also look toward the future and remain committed to our ongoing mission of training the next generation of visual storytellers.

Gary Novak
gnovak@cim.depaul.edu

PROGRAM RECOGNITION
- Variety included us on their “Top Film Schools” list for the fourth consecutive year.
- Animation Career Review ranked our animation program #22 nationally (#2 in the Midwest).
- DePaul is #12 on No Film School’s list of “The 20 Best Film Schools in the USA.”

FACULTY RECOGNITION:
- Dean David Miller; full time faculty James Choi, Anuradha Rana, and Steven Jones; alumni/adjuncts Angie Gaffney and Alex Thompson; and adjunct Anthony Kaufman were all included in Newcity’s “Film 50: Chicago’s Screen Gems.”
- Meghann Artes’s film Oh Baby! received the Silver Award for Animation at the 2019 University Film & Video Association conference.
- Saint Frances, the SXSW winner directed by alumnus/faculty Alex Thompson and produced by faculty James Choi and Raphael Nash, was picked up by Oscilloscope for distribution. Additionally, Filmmaker Magazine selected Thompson as one of the “25 New Faces of Independent Film for 2019.”
- Adjunct Erin Rodman’s script “Say Something Nice” was selected for the 2019 Black List.
- “Tenure,” written by Ron Eltanai and co-created with Alireza Khatami, was selected for the IFP Episodic Lab.
- Documentary faculty Dana Kupper received a DePaul Women of Spirit and Action Award.

PARTNERSHIPS AND EVENTS
The Chicago Onscreen film festival in Humboldt Park included a curated showcase of films by DePaul animation students and a fireside chat with the filmmakers.

HOMINIDAE
Hominidae, a CGI-animated virtual reality film written and produced by assistant professor Brian Andrews, is a collaborative effort between film and animation students as part of our Project Bluelight initiative. It follows the life of an arachnid hominid as she struggles to raise her young in a hostile environment.

The film was selected for a pitch and demonstration at the XR Development Showcase at the Cannes Film Festival, which highlights 21 of the best XR projects, including virtual reality, augmented reality and mix reality.

Hominidae was also an official selection of the 2020 Sundance Film Festival, premiering January 24 as part of the New Frontier Exhibitions category.

The film included a voice cast from The Theatre School, and was recorded in the School of Music.

Learn more at https://hominidanimation.net.
NOTE FROM THE DIRECTOR

What a year it has been. Perhaps both the longest and shortest I ever remember. When we got word that we were going to have to transition from in-class learning to online learning in the week of spring break for the Spring quarter, none of us could believe it. Hundreds of years of academic tradition turned on its head in a week. Worse, despite our years of doing online learning, we weren't going to be able to use the classroom technology, and we were going to have to do it from our homes. Everybody was doing it, however, so we dug in. There were some setbacks, but in large part, the School of Computing came out well, and the faculty learned a lot. We each tried different things and talked together about what worked and what didn't, and it's entirely likely that much of what we learned teaching during Covid will remain with us. In fact, it felt much like education as normal: for professors, lecturing, guiding discussion, assigning and grading projects, and learning about our students. For students: putting up with the remarkable whims of faculty. We're still working our way through, but I am so thankful to have the most amazing students and colleagues that I can possibly imagine.

Jacob Furst
jfurst@cdm.depaul.edu

FACULTY RECOGNITION

- Amber Settle was announced a 2019 Distinguished Member by ACM. The ACM Distinguished Member program recognizes up to 10 percent of ACM worldwide membership based on professional experience as well as significant achievements in the computing field.
- The Fulbright Commission sponsored Rosalee Wolfe’s participation in the Women in Tech Summit, held in Warsaw, Poland November 13-14. While there, Dr. Wolfe presented “Bridging the gap between hearing and Deaf communities: The ASL Avatar Project at DePaul University” in the workshop Seminar for Computer Science Researchers.
- Sharief Oteafy has been elected secretary of the IEEE Communications Society Technical Committee on IoT, Ad hoc and Sensor Networks. Oteafy was also elevated to a Senior Member of IEEE.

PARTNERSHIPS AND EVENTS

- DemonHacks, our annual student hackathon hosted by student organization Computer Science Society, took place on October 18-19. Over 170 students from 18 colleges and universities gathered to build a software or hardware project in under 24 hours. Sponsors included JPMorgan Chase, Brooksource, Aquatic, ThoughtWorks, and more.
- UPE hosted their third annual Women in Technology Event. About 100 attendees were able to meet and hear from keynote speaker Betty Shanahan and panelists from Google, Sprout Social, Senior Lifestyle, and ZS Associates.
- Google engineers came to the Loop campus on March 5-6 to host workshops and review resumes.

CDM ANNUAL REPORT

CDM’s Innovation Development Lab (ID Lab) has enjoyed explosive growth since its start in 2016. Directed by associate professor Olajeele Adekunle and staffed by several students, the lab “partners and collaborates with clients to provide excellent service turning innovative ideas into functional and testable prototypes.” Those clients include Bosch, Allstate Insurance, Kimberly-Clark, Abbott Laboratories and CDW.

In October, the ID Lab hosted its fourth annual Optimizing Digital Innovation (ODI) conference. Each year, nearly 200 industry professionals from a number of Fortune 500 Companies come together to discuss new ways that their organizations can approach innovation. The 2019 theme was “Innovation in a Dynamic Environment.” Also in 2019, the ID Lab partnered with ServiceNow to host a one-week ITSM workshop and hackathon where about 30 students took part in the App Development Fundamentals class and a 2-day hackathon.

On March 6th, shortly before the University began remote operations due to the pandemic, the ID Lab celebrated the grand opening of its new office space on the ninth floor of the CDM Building. We were honored to have visitors from 30+ companies including Bosch, Baxter, Abbott Labs, Legal and General, and Discover. Though the team was not able to use their physical space for the rest of the academic year due to COVID-19 restrictions, they remained committed to working safely and remotely through Zoom on several projects with companies throughout Chicago, and planning the 2020 ODI conference.

Learn more at https://depaulidlab.com.
Note from the Director

In an academic year like no other, students and faculty in School of Design made the shift to remote teaching and learning amid a global pandemic and a national moment of racial reckoning. As designers of objects, technologies, systems, and experiences which shape society, we recognize the immense responsibility we have to work towards equity and justice. We are re-thinking curriculum, building new partnerships, and organizing events and initiatives to develop students to have the skills, mindsets, ethics, and experiences they need to make a positive impact in the world today and in their future careers.

Denise Nacu
dnacu@cdm.depaul.edu

Program Recognition
- GDUSA recognized us as a Top Graphic Design School of 2020.
- Animation Career Review ranked our game design program #10 nationally (#1 in the Midwest).
- The Princeton Review included both our undergraduate (#43) and graduate (#21) game programs on their 2020 Top Schools to Study Game Design lists.

Curriculum Update
- A new BFA in Industrial Design was approved to begin in Fall 2020.

Faculty Recognition
- Assistant Professor Christina Harrington was announced an Encore Public Voices Fellow for The OpEd project.
- Heather Quinn’s work Transparency: Past/ Present/ Future, an experimental publication of interactive design fiction and speculative design, won a Society of Typographic Arts Award (STA100).
- Jessica Westbrook was accepted into the 2020 Critical Code Studies Working Group. CCSWG is the major think tank for Critical Code Studies, a hub of dialogue and collaborative inquiry that generates major thrust in the reading of code.
- Adjunct David Sieren was included in Newcity’s “Design 50 Who Shapes Chicago 2020.”

Partnerships and Events
- LINK Unlimited Scholars partnered with IDEO to present a 4-day design camp for high school students, which was held in the IRL and facilitated in part by alumna Ovetta Sampson.

Experience Design and the City of Chicago

Students in Collaboration Studio, a graduate course in the Experience Design program, worked with the City of Chicago’s Design department on the redesign of the city’s website, chicago.gov. Students were tasked with reviewing the site and offering recommendations for making the user experience and site architecture more efficient.

Jason Kunesh [CDM ’06], the city’s director of design, reached out to associate professor Sheena Erete, one of the course’s instructors. Erete then facilitated the project with students who divided into teams to focus on different project goals, streamlining pathways for users coming to the website to pay fines, seek employment and request services. Teams did usability testing, which included collecting feedback from students across the university who were asked to perform tasks on the website. They studied how other governments had improved content and information architecture after website redesigns and used search keywords provided by Kunesh to gauge search engine optimization.

Besides compiling all their data-driven findings in a massive implementation guide, they designed additional assets that plugged holes in the new design system created by Kunesh and other project partners.
WHAT WE’RE DOING

RESPONDING TO THE COVID-19 PANDEMIC

Following the closure of the University in March due to the COVID-19 pandemic, colleges were tasked with moving all of their courses to a remote format for the spring quarter. Less than two weeks later, CDM moved about 500 courses online. This could not have been done without our faculty, staff, and instructional design team, who worked diligently to move us online—and so quickly.

In addition to delivering high-quality courses online, CDM responded to the pandemic by rallying to create PPE for healthcare workers, collaborating with the City of Chicago on COVID-19 data, through funded research, and more.
CONTRIBUTING TO THE UNDERSTANDING OF COVID-19: RESEARCH INITIATIVE

In response to the global pandemic, DePaul called on its scientific community to address challenges in several areas. Proposals from two CDM faculty, Bamshad Mobasher and Enid Montague, were among the six projects approved by the new “Contributing to the Understanding of COVID-19” initiative.

Associate professor in the School of Computing (SoC) Enid Montague, PhD candidate Ashley Loomis, and graduate student Amal Almansour’s research project explores inclusive human centered automation of health systems to improve patient access and safety, as well as to reduce physician burnout. “The pandemic motivated me to pursue this work sooner rather than later because we need design guidelines to reduce the burden on exhausted workers, while simultaneously increasing quality for marginalized patients,” Montague notes.

SoC Professor Mobasher’s project aims to develop automatic methods for misinformation detection on social media in a crisis context. His team will use natural language processing and other machine learning methods to extract salient features from social media posts related to COVID-19 and perform a detailed analysis. They will then train and evaluate machine learning models that classify posts containing misinformation to ultimately provide tools necessary to effectively counteract the impact of misinformation in this crisis.

DEPAUL/CHICAGO DEPARTMENT OF HEALTH COVID-19 DATA COLLABORATION

Thousands of people are being tested for COVID-19 each day, but collecting complete demographic information, including race and ethnicity, has proven difficult. Data science researchers at DePaul are collaborating with the Chicago Department of Public Health to fill in this missing information. Professor Daniela Stan Raicu and her research team at CDM’s Center for Data Science, including graduate students Hao Wu and Ian Wang and faculty member Ilyas Ustun, used an algorithm to analyze U.S. census data and available demographic information. The team also developed a mobile application that allows city officials to easily and securely input the data with missing values. The project narrowed the “unknown” race data gap in COVID-19 tests from 47% to 11%.

COVID-WON’T-STOP-US

CDM’s Research and Scholarship Committee hosted a remote COVID-Won’t-Stop-Us research and collaboration festival on June 5th to share computing and digital media-related research and scholarship faculty have been working on. The event included poster presentations and Q&A sessions. There were approximately 30 faculty from six schools in attendance.

SUPPLYING PERSONAL PROTECTIVE EQUIPMENT FOR HEALTHCARE WORKERS

At the start of the pandemic, healthcare workers treating COVID-19 patients were facing a critical shortage of personal protective equipment (PPE). DePaul mobilized its Idea Realization Lab (IRL) makerspace network to contribute to PPE efforts. CDM and College of Science and Health (CSH) faculty and staff moved 3D printers, sewing machines, and other equipment from the labs into the homes of students and faculty. Using medically approved design plans, they 3D-printed face shields and plastic covers for N95 face masks from their home. It was “a great opportunity for us to put the skills we learned in DePaul’s makerspaces to good use,” said Michael Koenig, a CDM student who helped produce the face masks at home.

Despite their efforts, it became obvious fairly quickly that the production was not meeting the demand. So, makerspace director and CDM instructor Jay Margalus grew the efforts into the IL PPE Network with the help of friends in the maker community, including teachers and librarians. Industry partners like Bosch and Coca-Cola donated labor and supplies. And, several generous donors contributed to the efforts, with over $180,000 made in donations through Inspire DePaul, the University’s fundraising site.
MERRY CHRISTMAS FROM DEPAUL
School of Cinematic Arts faculty Meghann Artes and Davin Bell and approximately 30 of their animation students created the stop-motion film Merry Christmas from DePaul. The film, part of our Project BlueLight program, was created over the span of 3 quarters. Merry Christmas from DePaul was created in collaboration with the Division of Mission and Ministry.

The film was part of a Christmas window display on DePaul’s Loop Campus, a new annual tradition reminiscent of the fabled Christmas windows that once lined State Street. Production design faculty and students utilized state-of-the-art technology to build an imaginative, 3-D experience rooted in the message and vision “Christmas at DePaul”—designed to touch our humanity, evoke a sense of communal joy, celebrate DePaul’s Catholic identity, and share the magic of Christmas.

MAGIC WHEELCHAIR
A group of School of Design students and alumni led by LeAnna Wagner created an adaptive Halloween costume for 8-year old Jojo, in partnership with Magic Wheelchair.

BIG SHOULders INTERNATIONAL STUDENT FILM FESTIVAL
The School of Cinematic Arts held their third annual Big Shoulers International Student Film Festival on February 7-8. On the first day there was a screening of The Tomorrow Man followed by a conversation with writer/director Noble Jones at the CDM Theater, and on the second day, official selections from students across the globe were screened at The Davis Theater. The festival’s mission is to promote diversity and inclusion by showcasing the work of emerging young voices and unique ways of storytelling. Big Shoulders is co-sponsored by the Division of Mission and Ministry.

CHICAGO HOUSING AUTHORITY
We continued our youth programs with the Chicago Housing Authority, giving youth in public housing the chance to learn skills in documentary filmmaking, screenwriting, and photography from our faculty [see more on p. 23].

SCHOOL OF DESIGN TALKS
Our School of Design Talks series, now in its fourth year, invites leading designers to campus to speak and run workshops, and prepares students to imagine, develop, and deploy cutting-edge visual and interactive designs that positively impact individuals and communities using emerging social practices and technologies. This year’s theme was “worldbuilding” [see more on p. 24].

SEEDS OF THE MISSION
Zoe Pham (BFA Animation ’20) is the animator behind “Seeds of the Mission,” a poetic and symbolic animation commissioned by DePaul’s Division of Mission & Ministry. The animation depicts the heart and hope of our Vincentian mission to educate, to care, to serve, and to advocate for the human dignity of all. Watch the video at tinyurl.com/dpuseeds.

PROVIDING PPE
At the start of the COVID-19 pandemic, health care workers treating patients across the nation faced a critical shortage of personal protection equipment (PPE). DePaul faculty and students answered the call by using medically-approved design plans and 3D printers to manufacture much-needed supplies for hospitals in Illinois, including face shields and plastic covers for N95 face masks [see more on pgs.17-18].

STUDY ABROAD 2019-20
Design, Landscape, and Society in Scandinavia: Offered for the first time in December 2019, this program offers new perspectives on designers’ relationships to society and the natural world. Through visits to design studios, design centers, museums, and galleries in Norway, Sweden, and Denmark, students examine unique relationships among Scandinavian society, landscape, and culture with a focus on how they have affected the development of modern design in Scandinavia.

Atlantic Dual-Degree Program: Since 2007, the full-year Atlantic program has allowed CDM juniors to take business courses in École de Commerce Européenne in Lyon, France and Linköping University in Sweden. The student is awarded a standard 3-year European bachelor’s degree before returning to the U.S., and then, after completing their senior year at CDM, a second bachelor’s degree from DePaul.

Ottawa International Film Festival: This annual program allows undergraduate and graduate animation students to travel to Ottawa, Canada and attend the Ottawa International Film Festival, the largest and most prestigious animation festival in North America. Students attend screenings, industry events, panels and talks, and meet with animators, critics, and directors from around the world.

Documentary Filmmaking in India: This “Beyond Bollywood” program is offered every other December intersession. In the fall, students take FILM 390/498 to learn documentary techniques and prepare themselves for the intensive cultural immersion and hands-on workshop. For 3 weeks, students collaborate with an NGO under the guidance of filmmakers located in the heart of Bollywood, and create an original visual media project while exploring the Taj Mahal, palaces and forts of Jaipur; and the abandoned city of Fatehpur Sikri.

SCHEDULED FOR 2020-21 OR 2021-22
Austria and Switzerland: Critical Foundations in Modern Design: During this two-week trip to Vienna, Zurich and Basel, students will visit graphic design companies, branding studios, type foundries, print shops, museums, architectural sites, cultural sites, and historical sites. The objective for this program is for students to develop a more complete understanding of modernism and how it has impacted visual culture and design.

Computer Games and Animation in Japan: Students in this two-week study abroad program, offered every other December intersession, visit game and animation companies in Tokyo, Kyoto, and Nagoya to learn about the processes of crafting culturally significant Japanese entertainment. Students examine how Japanese games-animation/motion graphics have influenced Japanese culture and will visit museums, galleries, cultural centers and other sites to foster meaningful experiences and gather research for their personal projects.

Film in Paris: Students in this program study at the Alliance Française and the CEA Paris Center, improving their French and also experiencing the rich culture of life in Paris. They intern at the world-renowned Champs-Élysées Film Festival or a French film production company. The film students will attend the world-famous Cannes Film Festival.

GLOBAL LEARNING EXPERIENCE
Global Learning Experience (GLE) is a collaborative online learning experience in which students gain international experience from their classroom in Chicago by interacting with other students across the globe. This year spring, CDM participated in two GLE programs: Introduction to Robotics, led by Isuru Godage, and Scoring for Film and Video, led by Rob Steel.

In Introduction to Robotics, students from Chicago and Sao Paulo collaborated over synchronous zoom meetings culminating in a competition—a robot sumo sumo where each robot had to find the opponent robot in a ring and attempt to push it out. As part of Scoring for Film and Video students from DePaul and the Royal Melbourne Institute of Technology (RMIT) completed city photos romans and the RMIT students completed the sound design and final mix.
ENORTH CHICAGO ALLIANCE FOR EQUITY IN COMPUTER SCIENCE

The Chicago Alliance for Equity in Computer Science (CAFECS) is a researcher-practitioner partnership between DePaul, Chicago Public Schools (CPS), Loyola University, University of Illinois at Chicago, and The Learning Partnership that supports the Computer Science for All Initiative (CS4All) at CPS. The goal of CS4All is to ensure that all CPS high school students take at least one AP Computer Science course, a threefold increase since 2017. The project supports the development of a cadre of CPS computer science high school teacher through workshops and coaching. An additional 80 teachers were trained this year.

CHICAGO FIRST ROBOTICS

Our Idea Realization Lab hosted the FIRST Robotics FTC kickoff in September, welcoming over 80 high school students.

CHICAGO HOUSING AUTHORITY

Since 2016, we have partnered with the Chicago Housing Authority to offer youth in public housing valuable skills in film and media through six-week summer intensives. This year's programs ran in a remote-hybrid model. Students were able to hear from industry professionals in Zoom meetings, learn from our faculty and graduate student mentors, and go on safe and socially-distanced outings to hone their skills. This was the fifth year for the documentary filmmaking program—which introduces teen girls to basic theory, aesthetic, and technical skills required to create a documentary—and the third year for Movie & TV Scripts—a program that provides students the skills to write screenplays designed for television and streaming platforms. Due to constraints running the game design program during the pandemic, a photography program was offered in its place.

GAME, CINEMA, AND ANIMATION SUMMER ACADEMY

Our twelfth annual Game, Cinema, and Animation Summer Academy took place in July. During this program, high school students interested in film/TV, screenwriting, animation, or gaming learn from our accomplished faculty. For the first time, this program took place entirely online with a restructured curriculum to adapt to live online participation for the five tracks: film and TV production, game development, hand-drawn character animation, 3D modeling and animation, and screenwriting.

MY CHI. MY FUTURE.

In partnership with the Chicago Mayor’s Office for My CHI. My Future, a city-wide initiative aimed at connecting youth across Chicago to meaningful out-of-school experiences, community-based participatory design experts at CDM, including School of Design faculty Sheena Erete and undergraduate and graduate student researchers, are engaging with Chicago residents to co-design technological tools and social practices to create an equitable out-of-school learning ecosystem. They are documenting the process, analyzing the impact of the initiative, and creating a framework that supports data-informed and community-driven conversations among program providers about their local learning infrastructure and how to transform it to be more equitable.

VIRTUAL CYBERSECURITY WORKSHOP

In May, Associate Dean Lucia Dettori and Cybersecurity faculty Filip Sharzevski, along with Lindblom High School teacher Jesus Duran, ran a virtual Cybersecurity workshop and competition for CPS students and teachers. Fifteen high school students and five teachers participated in event that included an introduction to cybersecurity, a talk from a current cybersecurity student, a presentation on our degrees and a Capture the Flag cybersecurity challenge for the students.

DIGITAL DIVAS

In January, as part of the NSF-funded Digital Youth Divas project (CDM faculty Sheena Ere and Denise Naru in collaboration with Northwestern), about 40-50 Black and Brown fourth and fifth grade girls and their families toured CDM and worked on STEAM projects in the Idea Realization Lab.

THE CHICAGO ALLIANCE FOR EQUITY IN COMPUTER SCIENCE

The Chicago Alliance for Equity in Computer Science (CAFECS) is a researcher-practitioner partnership between DePaul, Chicago Public Schools (CPS), Loyola University, University of Illinois at Chicago, and The Learning Partnership that supports the Computer Science for All Initiative (CS4All) at CPS. The goal of CS4All is to ensure that all CPS high school students take at least one relevant and compelling CS course, and that middle and elementary school children are exposed to computational thinking integrated in other disciplines.

The Principal Investigator (PI) for the project, which is funded by the National Science Foundation (NSF), is CDM Associate Dean Lucia Dettori. Dr. Dettori is also the PI on two related NSF projects to integrate computational thinking in math and science high school courses, and to develop a hybrid online version of the CS course to support credit recovery. NSF has awarded Dr. Dettori over $2 million between the three grants.

In June 2020 the first cohort of approximately 15,500 high school students graduated having fulfilled the requirement of taking at least a year of computer science. In addition, over 2000 students, 60% of whom from traditionally underrepresented groups,
VISITING SPEAKER SERIES

CDM hosts three guest speaker series: Visiting Artists Series, School of Design Talks, and Research Colloquium. We bring innovative practitioners, breakthrough researchers, and industry professionals to campus for presentations, panels, workshops, and discussions. The events are open to the public and allow both students and visitors the opportunity to have direct and meaningful contact with leaders in their field.

Although the pandemic forced us to cancel some events, we still had an amazing roster of guests throughout the year, including Oscar-nominated screenwriters, the design director for a popular firm, and leading researchers.

Research Colloquium Guests
https://colloquium.cdm.depaul.edu

Dr. Ivo Jimenez, Research Scientist, University of California at Santa Cruz | Reproducible Distributed Systems Benchmarking With Container-native Workflows
Dr. Oshani Seneviratne, Director of Health Data Research, Institute for Data Exploration and Applications (IDEA), Rensselaer Polytechnic Institute | Smart Contracts Augmented with Learning and Semantics
Dr. Filipo Sharevski, Assistant Professor, DePaul University | Social Engineering Beyond Phishing: Ambient Tactile Deception (AID)
Dr. Myunghee Kim, Assistant Professor, University of Illinois at Chicago | Human–Robot Team: Computational and Experimental Approach to Design Assistive Methods Using Wearable Devices
Dr. Bridget Tenner, Professor, DePaul University | Combinatorics of Patterns
Dr. Zhi Zhang, Assistant Professor, Rochester Institute of Technology | Human–Machine Interaction for Mental Healthcare
Dr. Baudouin Saintyves, Artist in Residence, High Concept Laboratories NFP and Research Staff Scientist, University of Chicago | Shapes of Emergence: Experimental Physics and New Media Art
Dr. Erica Jung, Assistant Professor, University of Illinois at Chicago | High-speed neural imaging with a genetically encoded voltage sensor and all-optical neuroprosthesis using the voltage sensor in zebrafish
Dr. Olayele Adelakun, Associate Professor, DePaul University | Tactical Approach to Global Virtual Software Teams Challenges
Dr. Umer Huzafa, Visiting Assistant Professor, Rose-Hulman Institute of Technology | Walking with Styles: A Large-Scale Study on What Big Data Developers Ask
Dr. Nozih Altay, Professor, DePaul University | Digitalization in Humanitarian Support Chains: A Rough Review of Research Needs
Adel Yazdanneh, Assistant Professor, Baruch College-City University of New York | Can Peers Reduce Employees’ Violation of Information Security Policies?
Dr. Hamed Gahr Sarem, Assistant Professor, DePaul University | Factors Affecting the Adoption of an Electronic Word of Mouth Message: A Meta-Analytic Structural Equation Modeling Study

Dr. Alexander Rasin, Associate Professor, DePaul University | Abstracting Database Memory to Describe Runtime Operations
Dr. Iyad Kaji, Professor, DePaul University | Clustering Incomplete Data
Dr. Jianer Chen, Professor, Texas A&M University | The Arts of Safiability: Algorithms and Complexity
Yifan Zhu, Graduate Student, University of Illinois at Urbana-Champaign | Data-driven Simulation of Deformable Contacts

Chaitanya Kalgoota, Computational Social Scientist, Argonne National Lab | Model Exploration of an Information-based Healthcare Intervention using Parallelization and Active Learning
Dr. Ioan Raicu, Associate Professor, Illinois Institute of Technology | Systems Research on the Mystic Programmable Testbed
Yuta Nakamura, PhD Candidate, DePaul University | Efficiently distributing containerized applications
Dr. Xingfu Wu, Staff Scientist, Argonne National Lab | Performance, Energy, and Scalability Analysis and Improvement of Parallel Cancer Deep Learning CANDLE Benchmarks
Dr. Matthew Walter, Assistant Professor, Toyota Technological Institute at Chicago | Natural Language Learning for Human-Robot Collaboration
Dr. Michael Cadihas, Assistant Professor, DePaul University | Automatic parallelization of simple models of computation
Yiyang Wang, PhD Candidate, DePaul University | Deep Learning for Explainable Computer-Aided Diagnosis

Visiting Artists Series Guests
http://cdm.depaul.edu/vas

COURIER 12 SCREENWRITING CONFERENCE
“Sharknados, Zombies & Doomsday” with David Michael Latt, Co-Founder of The Asylum
“W ebseries and Intersectional Television” with Stephanie Jeter, Head of Production at DT
“Breaking Down the Current State of Comedy” with Trevor Albert, Producer of Groundhog Day; Michael McCarthy, Second City/SNL; and Fawzia Mirza, Co-Writer/Producer of Signature Move
“Breaking Into the Writers Room” with Michael Gemballa, Writer for SWAT and Theresa Huang, Writer for SEAL Team
“From Spec Script to Oscars” with David Rabinowitz and Charlie Wachtel, Screenwriters of BlackKklansman

VERITÉ DOCUMENTARY CONFERENCE
Screening of One Child Nation followed by a conversation with director Nanfu Wang
Masterclass with director Nanfu Wang

Christian Hill, director, and Jennifer Washington, producer
A screening of God Said Give ‘Em Drum Machines followed by an on-stage conversation
Trey Edward Shults, Director, and Starr Kevin Harrison Jr., Actor Advance screening of Waves followed by an on-stage conversation
Donna Lee, Story Artist at Walt Disney Animation Studios
An Inside Look at Frozen 2
Big Shoulders International Film Festival
Screening of The Tomorrow Man followed by an on-stage conversation with writer-director Noble Jones
Stewart Lyons, Producer
An on-stage conversation with co-executive producer of Breaking Bad and Better Call Saul
Kelsey Mann, Pixar Animation Studios
An Inside Look at Onward with the Head of Story
Kirill Mikhailovsky, Director, and Alice Austen, Co-Writer/Producer
Screening of Give Me Liberty followed by an on-stage conversation
Jennifer Reeder, Director
Screening of Knives and Skin followed by an on-stage conversation

Antoniette Carrolli, Founder/President/CEO, Creative Reaction Lab
Cennydd Bowles, Designer and Futurist
Talk: Building Better Worlds
Scott Starrett, Co-Founder and Design Director, Tandem
Talk: Branding for AIC: The Emerging Importance of Technology & Design in Democracy Workshop: Activate Your Cause: Action Building Kit
Lesley-An Noel, Professor and Associate Director at the Taylor Center for Social Innovation, Tulane University
Panel: Design Thinking and Speculative Futures (with students/faculty from DePaul and the Illinois IIT Institute of Design) Workshop: Empathetically Designing Difficult Conversations: Using Design-Thinking and Empathy to Talk about Equity

School of Design Talks Guests
http://cdm.depaul.edu/designtalks

Yayi Zhu, Graduate Student, University of Illinois at Urbana-Champaign | Sensor-less Sensing: The Electronic Word of Mouth Message: Factors Affecting the Adoption of an all-optical neuroprosthesis using the voltage sensor in zebrafish
Dr. Olayele Adelakun, Associate Professor, DePaul University | Tactical Approach to Global Virtual Software Teams Challenges
Dr. Umer Huzafa, Visiting Assistant Professor, Rose-Hulman Institute of Technology | Walking with Styles: A Large-Scale Study on What Big Data Developers Ask
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Dr. Michael Cadihas, Assistant Professor, DePaul University | Automatic parallelization of simple models of computation
Yiyang Wang, PhD Candidate, DePaul University | Deep Learning for Explainable Computer-Aided Diagnosis

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Dr. Jianer Chen, Professor, Texas A&M University | The Arts of Safiability: Algorithms and Complexity
Yifan Zhu, Graduate Student, University of Illinois at Urbana-Champaign | Data-driven Simulation of Deformable Contacts

EXTERNAL GRANT FUNDING
Chatbot II: AWS Database
PI: Olayele Adelakun
My Baxter Portal
Baxter Healthcare Corporation
PI: Olayele Adelakun
Proof of Concept for Lifestyle Application
Kimberly Clark Corporation
PI: Olayele Adelakun
DeSports
CME Group Foundation
PI: Sheena Erete
Cultivating a Smart Equity-Driven Policymaking
Infrastructure to Improve Youth Learning Opportunities
National Science Foundation
PI: Sheena Erete
Next Level Photography
Chicago Housing Authority
PI: Michael Flores
EarthCube Data Capabilities: Collaborative Research
Integration of Reproducibility into Community CyberInfrastructure
National Science Foundation
PI: Tanu Malik
Collaborative Research: ABL Innovation: Biofilm Resource
National Science Foundation
PI: Thiruvarangan Ramaraj
Collaborative Research: Innovation: Pioneering New Approaches to Explore Pangenomic Space at Scale
National Science Foundation
PI: Thiruvarangan Ramaraj
Sequence Resources for Cotton, A Model System for Allopolyploid Crops
National Science Foundation
PI: Thiruvarangan Ramaraj
DB-Toolkit: Tools for Database Analysis and Intrusion Detection
National Science Foundation
PI: Alexander Rasin, Senior Personnel: Karen Heart
Next Generation Fine-Grain Access Control Over Database Queries
National Institute for Standards and Tech
PI: Alexander Rasin
Security Assessment of Zebra RFID Products
Zebra Technologies Corporation
PI: Filipo Sharevski
MEDIX: Medical Informatics Experiences in Undergraduate Research
National Science Foundation
PI: Daniela Stan Raicu, Co-Pi: Jacob Furst
MEDIX: Participant Support
National Science Foundation
PI: Daniela Stan Raicu, Co-Pi: Jacob Furst
MEDIX: Principal Investigators Workshop 2020
National Science Foundation
PI: Daniela Stan Raicu, Co-Pi: Jacob Furst
MEDIX: REU Site PI Meeting
National Science Foundation
PI: Daniela Stan Raicu, Co-Pi: Jacob Furst
INTERNAL GRANT FUNDING
Design and Culture in Japan
DePaul University Quality of Instruction Council
PI: Shiro Akiyoshi
Hominidae Virtual Reality Film
DePaul University Research Council
PI: Brian Andrews
Short Film Finishing Funds and Festival Fee Support
DePaul University Research Council
PI: Shanya Connelly
Recognition of External Funding
DePaul University Research Council
PI: Lucia Dettori
Recognition of External Funding
DePaul University Research Council
PI: Sheena Erete
Big Shoulders International Student Film Festival
DePaul University Research Council
PI: Michael Flores
The Killing of David (docuseries)
DePaul University Research Council
PI: Michael Flores
Synthesise and Validate Locomotion Gaits for Soft Robots
DePaul University Academic Initiative Grant
PI: Isuru Gedage
Reducing Foreign Language Anxiety Using an E-Learning System
DePaul University Research Council
PI: Peter Hastings
The Pool
DePaul University Research Council
PI: Anna Hozian
Clustering Incomplete Data
DePaul University Research Council
PI: Iyad Kanj
Painting 3D Objects with Continuum Arms
DePaul University Academic Initiative Grant
PI: Iyad Kanj
Adding New Features to Existing Software Programs
DePaul University Research Council
PI: Wael Kessentini
Recognition of External Funding
DePaul University Research Council
PI: Tanu Malik
Design, Landscape, and Society
DePaul University Quality of Instruction Council
PI: Nathan Matteson
Designing the Next Generation of Personalized Recommenders
DePaul University Research Council
PI: Bamshad Mobasher
Power of the Few: Analyzing the Impact of Influential Users
DePaul University Academic Initiative Grant
PI: Bamshad Mobasher
Using Machine Learning to Battle the Infodemic of Misinformation in the Age of COVID-19
DePaul University Academic Growth Innovation Fund
PI: Bamshad Mobasher
Inclusive Human Centered Automation of Health Systems To Improve Patient Access, Patient Safety And Reduce Physician Burnout
DePaul University Academic Growth Innovation Fund
PI: Enid Montague
Using Participatory Design to Identify Sociotechnical, Cognitive and Design Needs for Cannabis Medicine
DePaul University Research Council
PI: Enid Montague, Co-Pis: Olayele Adelakun, Douglas Bruce, Elissa Foster
Promoting Children as Critical Users and Creators of Technologies: Adapting and Expanding Pilot Work
DePaul University Research Council
PI: Cynthia Putnam
Language of Opportunity
DePaul University Academic Initiative Grant
PI: Anuradha Rana
Pegged: A Short Film
DePaul University Research Council
PI: Brad Riddell
Seeing the Phylogenetic Forest AND the Trees
DePaul University Research Council
PI: John Rogers
Investigating Debugging by Novice Programmers
DePaul University Research Council
PI: Amber Settle
Electon Interference Beyond Social Media Trolling
DePaul University Research Council
PI: Filipo Sharevski
ENFOLD
DePaul University Research Council
PI: Steve Socki
Collaboration with Sign Language Research Centers in the E.U.
DePaul University Research Council
PI: Rosalie Wolfe
Scouting Trip for Critical Foundations in Modern Design
DePaul University Quality of Instruction Council
PI: Lee Zelenak


Li, Wenjie & Oteafy, Sharief & Fayed, Marwan & Hassanein, Hossam. (2019). Quality of Experience from Cache Hierarchies: Keep your low-bitrate close, and high-bitrate closer. CNDP.


Sharesvenski, F. Treebridge, P. & Westbrook, J. Experimental user-centered security in a classroom: Secure design for IoT. IEEE Communications Magazine, 57(11), 48–53.


FACULTY
FILM SCREENINGS
AND RECOGNITION

A SELECTION OF THE RECOGNITION AND SCREENINGS FACULTY FILMS RECEIVED IN 2019-20

147 Pianos
Dolores Wilbur (Director/Producer)
- Official Selection (2019), Film Fest Tucson
- Official Selection (2019), Underground Film Forum

Anchor Baby (script)
Anna Hozian (Writer)
- Computer (2020), The Pitch at Industry Days, Chicago International Film Festival
- ‘At the Table’ Series (2020), SAG/AFTRA

Artist Statement
Shayna Connelly (Director)
- Official Selection (2019), Film Fest Tucson
- Official Selection (2020), Film Fest Tucson
- Official Selection (2020), Underground Film Forum

Banana Season
James Choi (Producer), Raphael Nash (Director)
- Official Selection (2019), Penny Spartus Film Festival

Bananas Girl
Shayna Connelly (Director), Savvas Paritis (Colorist)
- Semi-Finalist Best Documentary (2020), Splice Film Festival

Bernadette
John Psathas (Producer/Writer), Patrick Wimp (Producer/Writer/ Director of Photography)
- Opening Night Feature Film (2019), Tallahassee Film Festival

Brothers from the Suburbs
Patrick Wimp (Writer/Director), John Psathas (Writing Consultant/ Assistant Director)
- Jury and Audience Awards: Best Digital Series (2019), Austin Web Fest

Burnt
Devlin Bell (Writer/Director/Producer)
- Official Selection (2019), Thessaloniki Film Festival

Catatonic
Brian Zahn (Writer/Director/ Cinematographer/Editor)
- Best Self-Funded Film (2020), Cine Pobre Film Festival
- Official Selection (2020), Athens International Film + Video Festival
- Official Selection (2020), Boston Underground Film Festival
- Official Selection (2020), Chattanooga Film Festival

counter/balance
Anuradha Rana (Director), B Rich (Producer/Cinematographer)
- Best Documentary Short (2020), OZ India Film Festival
- Short Documentary (2020), New Delhi Film Festival

Different This Year
Meghann Artes (Director), Anna Hozian (Writer), Eric Liberacci (Director of Photography)
- Best Short Film (2019), Focus International Film Festival
- Best Micro-Short (2019), Red Dirt Film Festival

Distant Learners
Brad Riddle (Co-Writer/Director/ Producer)
- Official Selection (2020), Sicily Web Fest
- Official Selection (2020), Baltimore New Media Web Fest

Engage Earth
James Choi (Director/Editor/ Producer), Brian Andrews (Visual Effects Artist)
- Semi-Finalist (2020), Buenos Aires International Film Festival
- Semi-Finalist (2020), Dumbo Film Festival
- Official Selection (2020), Museum of Modern Art in Sao Paolo
- Official Selection (2020), Boalt International Film Festival
- Official Selection (2020), Ethnografilm

Ephemeral Orphanage
Lisa Barcy (Director)
- Semi-Finalist (2020), New York Animation Film Awards
- Official Selection (2020), Montreal International Animated Film Festival

Este Es Tu Cuba
Dan Klein (Writer)
- HBOobar American Short Film Award (2019), Miami International Film Festival
- Best Drama (2019), College Television Awards
- Audience Award (2019), Newport Film Festival
- BAFTA Shortlist (2019), British Academy of Film and Television Arts
- Official Selection (2020), Cleveland International Film Festival

Every Ghost Has Its Orchestra
Shayna Connelly (Director)
- Official Selection (2019), International Free Thought Film Festival
- Official Selection (2019), Changing Face International Film Festival (Sydney, Australia)

F*ck Yes
Jessica King (Writer)
- Official Selection (2019), SECS Fest

F*cked Up Point Blank
Shayna Connelly (Director)
- Official Selection (2020), Darkroom Underground Film Festival
- Official Selection (2020), Melbourne Underground Film Festival
- Official Selection (2019), Antimatter
- Honorable Mention (2019), LA Underground Film Forum

FORE
Lisa Barcy (Director)
- Official Selection (2020), Manchester Experimental Film Festival
- Official Selection (2020), New York City Independent Film Festival
- Official Selection (2020), Black Maria Film Festival
- Official Selection (2020), Chicago Underground Film Festival

Gardening at Night
Shayna Connelly (Director)
- Official Selection (2019), Autobahn Tour by STUFFMX

Hollowside
Steve Socki (Director)
- Best Animation (2020), BridgeFest
- Best Experimental Film (2020), Stop Motion Film Festival
- Official Selection (2020), Experimental Film Festival
- Official Selection (2020), FlickFair
- Official Selection (2020), Retrospective Garde Film Festival

Hominidae
Brian Andrews (Writer/Director/ Producer), Brian Ferguson (Animation Supervisor), Robert Steel (Composer)
- Finalist (2020), Kaleidoscope XR Showcase, South by Southwest
- Official Selection (2020), Sundance Film Festival
- Official Selection (2020), Cleveland International Film Festival
- Official Selection (2020), Virtual Reality & Arts Festival in Hamburg (VRHAM)
- Official Selection (2020), Taipei Film Festival

Inferno
Wendy Roderweiss (Director)
- Official Selection (2019), SeriesFest

Jessica
Amy Lockhart (Director)
- Official Selection (2020), Orafflix Film Festival

The Kaleidoscope Guy at the Market
Michael Flores (Editor)
- Best Artistic Production (2019), Docuah International Film Festival
- Best Documentary Short (2019), Umda Divergent Film Awards
- Best Short Documentary (2020), Blow-up International Art House Film Festival
- Best Short Documentary (2020), Flathead Lake International Cinematic
- Best Short Documentary (2020), Florence Film Awards

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- Best Short Documentary (2020), Flathead Lake International Cinematic
- Best Short Documentary (2020), Florence Film Awards
FACULTY
FILM SCREENINGS AND RECOGNITION
CONTINUED

Language of Opportunity
Anuradha Rana (Director), B Rich
(Producer/Cinematographer)
- Awarded (2020), Tribeca Film Institute Network

Lipstick
Brian Zahm (Writer/Director), Brian Andrews (Visual Effects Artist)
- Best Gore and Horror Film (2019), Erotic Bizarre Art Film Festival

Make it a Great Day
Josh Jones (Director/Producer)
- Official Selection/10-Year Retrospective for Best Animated Short (2020), Albany Film Festival

Marquee
Brian Zahm (Writer/Director/ Cinematographer/Editor)
- Official Selection (2020), Sound of Silence Film Festival Best of 10 Years

Motherland
Fatou Samba (Writer)
- Second Rounder: Drama Teleplay Plot (2019), Austin Film Festival

Oh Baby!
Meghann Artes (Director/Animator), Rob Steel (Composer), Brian Andrews (Visual Effects Supervisor), Chris Kalis (Title Sequence Designer)
- Best Experimental Film (2020), USA Film Festival
- Best Film (2020), Freedom Shorts
- Best Feel Good Film Award (2019), Grenada Afterglow Film Festival
- Official Selection (2020), LA Shorts Film Festival
- Official Selection (2020), Festival du Nouveau Cinema

Pondlife
Amy Lockhart (Director)
- Official Selection (2019), Matt Adult #13
- Official Selection (2019), Columbus College of Art and Design
- Official Selection (2019), SkyLab
- Official Selection (2019), Weird Things Gallery

Quiver
Shayna Connelly (Director), Brian Andrews (Visual Effects Supervisor)
- Best Director of a Short Film (2019), Southampton International Film Festival
- Official Selection (2019), Attica Short Film Festival
- Official Selection (2019), Reels of the Dead
- Official Selection by Invitation (2020), Phillip K. Dick Festival

Saint Frances
Alex Thompson (Director), James Choi (Producer), Raphael Nash (Producer)
- Official Selection (2019), Traverse City Film Festival
- Official Selection (2019), Calgary International Film Festival
- Official Selection (2019), Nashville International Film Festival
- Official Selection (2019), Tessaloniki International Film Festival
- Official Selection (2019), American Film Festival (Poland)
- Official Selection (2019), Cork Film Festival (Ireland)

Sparrow Duet
Steve Socki (Director)
- Best Animation (2020), BridgeFilm

Stage Four
Wendy Roderweiss (Director)
- Official Selection (2020), Women in Comedy Film Festival
- Official Selection (2019), Witty City International Film Festival
- Official Selection (2019), Elgin Fringe Film Festival

Stan
Brian Zahm (Cinematographer/ Colorist)
- Best Experimental Film (2020), ReelHE Art Film Festival
- Official Selection (2020), Athens International Film + Video Festival
- Official Selection (2020), Big Sky Documentary Festival
- Official Selection (2020), London Film Festival
- Official Selection (2020), Queens World Film Festival

Sun King
James Choi (Executive Producer)
- Official Selection (2020), Bonsn International Film Festival

Those Shoes
Amy Lockhart (Director)
- Official Selection (2019), Giro Film Festival

FACULTY EXHIBITIONS


Foss, Caleb. Exquisite Control. Laboratory, Spakane WA. (2019)

Lockhart, Amy. The Collegeist. Collage in Motion and Cut Up or Shut Up, Albuquerque NM. (2020)

Quinn, Heather. Culture is their Fig Leaf. The Proletarian Hacking of High Capitalist Real Estate. Project Anywhere. (2019)


Roberts, Scott D. Chicago Art Book Fair, Chicago IL. (2019)

Zahm, Brian. Paper. Single Channel Video Installation, Berlin Collective

STUDENTS

- BS Computer Science student Tyler Nass is one of Chicago Inno’s “25 under 25” most promising and accomplished innovators in Chicago’s tech and startup scene.
- Graphic design student Claire Rosas’s project “The Online Egg Community,” which she made as part of two SoD courses, was announced an award winner for Communication Arts 10th Annual Typography Competition. Claire’s work was one of 131 final selections (of over 1200 submissions) and among only 12 other student winners.
- CDM’s Security Daemons team won the Midwest regional of the Collegiate Cyber Defense Competition (CCDC) and placed fourth nationally.
- MFA Game Design students Monica Fan and Jess Reed were accepted into the HASTAC Scholars Program.
- PhD students Redar Ismail and Badar al Lawati were awarded Student Entrepreneurs of Year by the Communication Center.
- Sun King, a film crewed entirely by undergraduate film and television students and created as part of the SCA India Studio initiative, premiered at the Bofet Film Festival.
- Games developed by CDM student/alums were showcased at the 2019 Bit Bash, Chicago’s largest games festival, held at CDM. Faculty Anna Anthropy’s All My Exes are in Mechsuits was also showcased.
- Graphic Design students Jeremy Rieger and Claire Rosas were included in GDUSA’s “2020 Students to Watch.”
- The Security Daemons also placed fourth in the Department of Energy CyberForce competition at Argonne. More than 100 teams from schools across the country competed.

ALUMNI

- Last Believer, a documentary co-directed, co-produced, shot, edited, and scored by Travis Chandler (BA ’08), debuted on WTTW.
- First-ever-CDM-MFA-graduate (and now adjunct) Patrick Wimp (’19) won the award for Best Scripted Digital Series at Austin Film Festival for Brothers from the Suburbs.
- Hayley Anderson (BA ’12) was included in Forbes’ “30 under 30” class of 2020. Hayley is the chief creative officer and co-founder of soona, a fast-casual photo and video service that empowers customers to get professional quality content for less than the price of stock.
- Alumnus Will Wright’s (BFA ’19) work The Nation of Föhn: A Public Brand Manifesto won a Society of Typographic Arts Award (STA100).
- Alexander Koester (BFA ’19) was nominated for a Visual Effects Society award for his work on the commercial “I am Hunger in America.”
- Producer/director Zanah Thiru’s (MS ’17) was named to the Reel Chicago Black List.
- Dan Willis’s short film Wednesday is licensed and available to watch on HBO.
- Chaz Bottoms (BFA ’17) was on the animation team behind Lil Nas X’s Panini freestyle music video, which was displayed during the Grammys. He also directed a new animated miniseries, Dear John, with John Legend.
- Gregory Dixon’s (MFA ’18) thesis film, Olympia, premiered on Asprip TV and is also available now through Amazon Prime.
- Saudi Arabian filmmaker Kamel Altamimi’s (MFA ’18) Starting Point won first place at the Elgin Film Festival.

IN THE NEWS

- DePaul University Indian American Computer Scientist Tanu Malik Receives NSF CAREER Grant” Tanu Malik July 6 | Chicago Reader
- “DePaul Students Show Off the Future of Video Games” Anna Anthropy, Will Meyers, DePaul game program July 18 | OZY
- “How AI is Set to Make Online Shopping Even More Tempting” Jacob Furst August 6 | Chicago Reader
- “Colorado Students to Create ‘Website of the Future’” August 26 | Block Club Chicago
- “Block Club Chicago “Humboldt Park to Host 3-Day Film Festival as Part of Citywide Showcase” DePaul animation program August 26
- “Getting the Best from Your Audio Department” Elliot Callighan September 4 | Gamasutra
- "Danielle Cherry Directs Two Films in her Hometown of Newport" Danielle Cherry November 5 | Block Club Chicago
- “Christmas Window Already Going Up on State Street with Art from DePaul Students” Meghan Artes, animation students November 5

CDM ANNUAL REPORT 2019-2020
DESPORTS
The DeSports program is a new initiative funded by a grant from CME Group Foundation that involves CDM, DePaul’s Department of Psychology and Orr Academy High School and George Washington High School, both in the CPS system. CDM Associate Dean Lucia Detorri is a PI on the grant, along with DePaul AVP Betty Shanahan and Professor Emeritus of Psychology Christopher Keys.

The program is scheduled to launch in the fall of 2020-21. Students will meet after school (virtually, for now) and develop strategies, resolve conflicts, and more. DePaul’s gaming and computer science students serve as mentors, and faculty arrange for speakers from the gaming community and local technology companies to connect with the students and talk about career options. A group in the Department of Psychology that studies online gaming communities will conduct research associated with this initiative.

NEW MS IN ARTIFICIAL INTELLIGENCE
A new master’s degree in artificial intelligence will begin in January 2021. Students will gain advanced technical skills and a deep understanding of concepts and techniques in artificial intelligence and machine learning to build and support AI empowered systems.

NEW BFA IN INDUSTRIAL DESIGN
Beginning in the fall 2020 quarter, a new bachelor’s of fine arts in industrial design will be offered. The degree will appeal to hands-on, tangible learners who will complete the program with a significant portfolio that reflects their potential. Studio format courses will cover specific materials, processes, and fabrication techniques. A substantial number of technical courses in science and math plus computer-aided design/manufacturing/ engineering (CAD/CAM/CAE) develop skills to draw, create, and interact with objects. Traditional art and design-allied fields are represented with courses in drawing, graphic design, and experience design. A unique aspect of this program is its emphasis on designing embedded objects, requiring the student to also study computer hardware and software.