

ANNUAL REPORT 2020 FISCAL YEAR

ACM, the Association for Computing Machinery, is an international scientific and educational organization dedicated to advancing the arts, sciences, and applications of information technology.



Association for
Computing Machinery

From the ACM President



“ACM’s mission—to help unite the computing community, to provide professional and technical information to those who need it, and to advance the field—is more relevant than ever.”

**—ACM President
Cherri Pancake**

Like many organizations around the globe, ACM has faced a staggering number of opportunities and challenges this year. Preparation of this annual report offers a chance to reflect on the changes that have come about, and also to celebrate some of the amazing achievements made through the dedication and hard work of our vibrant volunteer community.

As the world continues to struggle with the COVID-19 pandemic, ACM’s mission—to help unite the computing community, to provide professional and technical information to those who need it, and to advance the field—is more relevant than ever. It’s the advances in global communications, distance collaboration, real-time data sharing, and advanced simulation that have made it possible to keep businesses, governments, and education functioning, and at the same time expedite the discovery of methods for reducing the disease’s spread.

The rapid onslaught of the pandemic caught everyone by surprise. ACM responded immediately, converting overnight to entirely virtual functions. ACM Headquarters closed

in mid-March and will continue that way for some time to come. Our conferences and meetings were transformed to virtual forms, some of them with very little lead time. Both staff and volunteers jumped in to ensure not just that the events could still occur, but that the lessons learned from the earliest experiences would help guide the planning and implementation of later conferences. The result is that within just a few months, the state of the art of virtual conferences has evolved to include a wide range of interactive features that mimic some of the best aspects of face-to-face meetings (for example, online job fairs, speed-mentoring, lightning talks, virtual contests, “scavenger hunts,” and guided interest groups). ACM task forces are now looking at how future conferences might exploit the best of both worlds through hybrid and distributed events.

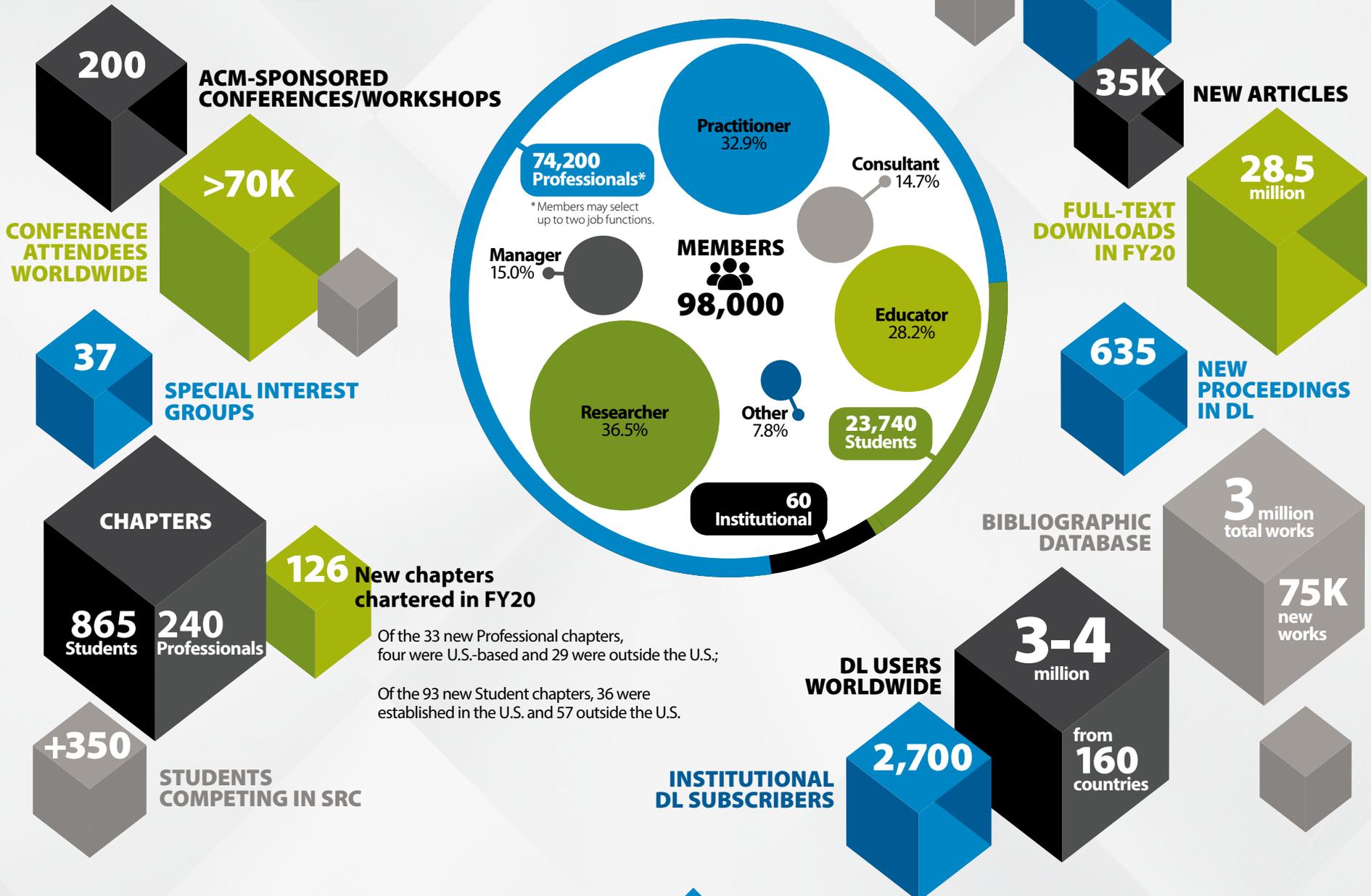
In a gesture of support for everyone who was suddenly cut off from normal work and professional environments, ACM leadership “unlocked” the ACM Digital Library for three months. The community responded immediately, and feedback was very positive.

ACM continues to respond to feedback about other concerns, as well, drawing on the expertise of leaders within our membership, but also from the community at large. Recent examples include the decision to publicly report cost data on publications and the Digital Library, a new model for transitioning toward an open publications model, and expansion of our efforts to improve diversity and inclusion across all ACM programs and activities. Some are detailed in this report.

In the pages that follow, you will find highlights culled from the many ACM events and accomplishments over the past fiscal year. None of them could have happened without the efforts and dedication of ACM’s amazing community of volunteers. I hope all of you will continue stepping forward to share your ideas and your time. Working together, we can ensure ACM continues to evolve as our profession faces new challenges—even the unexpected ones.

**—Cherri M. Pancake
ACM President,
July 2018–June 2020**

FY20 @ ACM



Publications Portfolio

ACM's Publications, always one of the Association's pivotal lines of business, pivoted indeed in FY20 with the introduction of [ACM Open](#)—an ambitious strategy for transforming to a fully open access model. The subscription model is designed in partnership with research libraries and institutions to provide affordable, predictable pricing for OA publishing. This initiative represents a path for ACM to become a fully sustainable open

access publisher. Initial success has been encouraging, and ACM Council approved a target of converting to full OA by 2025.

The ACM Publications Board spearheaded extensive discussions in FY20 that lead to the adoption of ACM's [Name Change Policy](#), a significant advancement in publishing practices. The policy allows authors to change their names and update their prior publications to reflect that change. The Publications Board recognized that authors may change their names for various reasons for the course of a career—among them marriage, divorce, religious conversion, gender identity change, and other personal reasons. This detailed policy is designed to respect the rights and identities of ACM's valued authors.

FY20 was an abundant year in terms of other publication activities and achievements. The year saw the migration of ACM's Digital Library (DL) to the new Atypon Literatum platform, the rollout of a new production workflow, new publications, and plans for more.

57

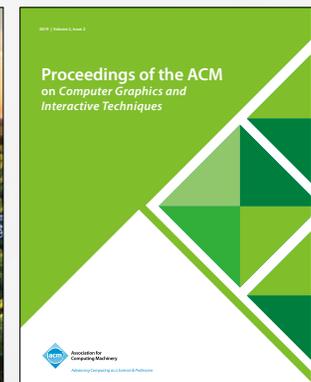
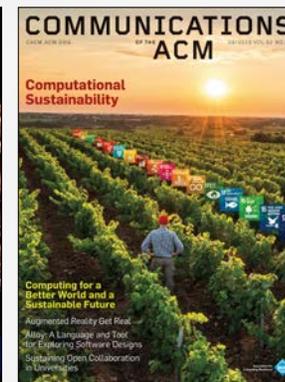
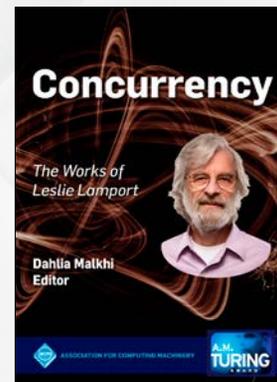
Journals and Transactions

7

Magazines

29

Newsletters



Publications Portfolio

ACM's DL continues to be the primary channel for delivering and reading ACM publications worldwide. In FY20, there were 28.5 million full-text downloads from the DL, an increase of 56% over FY19. This marked increase is likely due to ACM's decision to open the entire DL for free from April 1, 2020 through July 31, 2020 in response to the COVID-19 pandemic.

Almost 35,000 full-text articles were added to the DL, bringing total holdings to 615,000. ACM's *Guide to Computing Literature* is also integrated within the DL. More than 75,000 works were added to the bibliographic database in FY20, bringing the total *Guide* coverage to more than 3 million works.

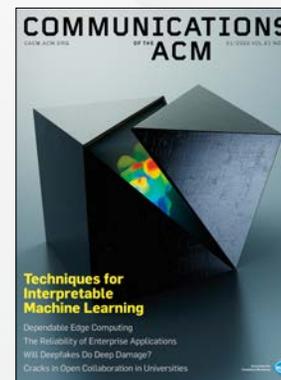
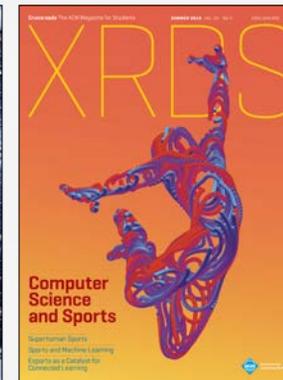
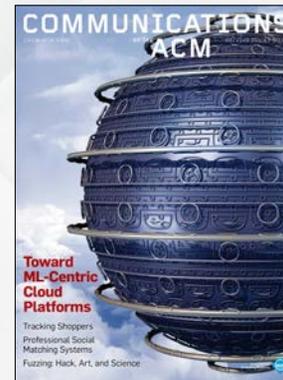
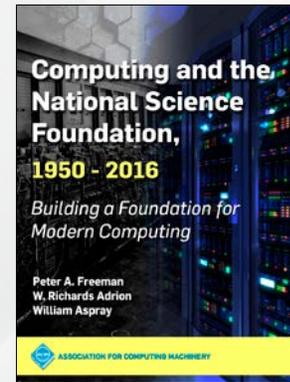
During the year, ACM added 636 volumes of conference and related workshop proceedings to its portfolio, including 277 volumes added to *ACM's International Conference Proceedings Series* (ICPS) that included more than 10,800 articles from 50 countries outside the U.S.

ACM magazines continue to generate an enormous number of

downloads from the ACM Digital Library. *Communications of the ACM* counted over 2.5 million article downloads. Moreover, traffic on cacm.acm.org grew to 1.45 million users and 3.4 million pageviews. In addition, *Ubiquity*, *eLearn*, and *Interactions* magazines garnered annual article downloads and/or website traffic in the six figures. In June 2020, *Interactions* magazine—the bimonthly publication serving the field of human-computer interaction and design—became the first ACM publication to tackle the disruption created by COVID-19 as the pandemic was unfolding.

ACM Books, launched in 2014, continues to thrive. In FY20, the series published six new titles and signed publishing agreements for six additional titles.

ACM's Publications Board also approved new publications—*ACM Games Review: Research and Practice* and *Collective Intelligence*.



Education

ACM leads the computer science education community through the work of its ACM Education Board and Education Advisory Committee (EAC), ACM SIGCSE, Computer Science Teachers Association (CSTA), and ACM Education Policy Committee.

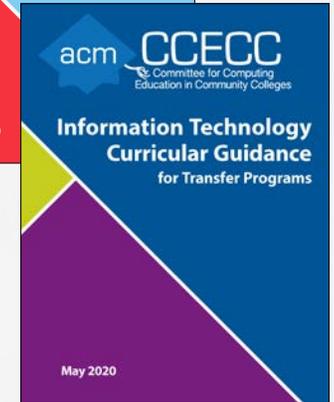
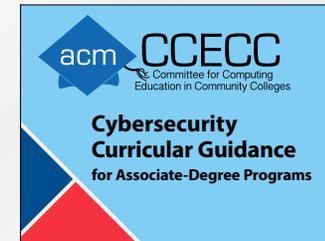
[“Cyber2yr2020: Cybersecurity Curricular Guidance for Associate-Degree Programs”](#) won the Innovations in Cybersecurity Education Award from the National CyberWatch Center. The non-profit professional organization

ABET/CSAB, which focuses on the quality of education in computing disciplines, developed criteria for accrediting two-year programs in cybersecurity based on Cyber2yr2020—a first for CSAB.

The final [“IT Transfer Curriculum”](#) was released in May 2020 and dissemination efforts have begun. The goal of this curriculum is to provide a framework that will guide how two-year colleges could structure their IT transfer programs to help prepare transfer student with the knowledge, skills, and IT competencies.

The Data Science curriculum task force released the first draft of computing discipline-specific competencies for data science at the undergraduate level.

The Education Board and EAC convened a new task force—Computing for Social Good—to elevate the message that computing curricula should focus in part on how computing can play an important part in helping to solve the issues of the day.



2019 ACM Education Advisory Council meeting.



SIGCSE 2020 chairs at the conference venue in Portland, OR, USA, before the event moved online due to COVID-19.

Professional Development



The Practitioners Board and Professional Development Committee (PDC) directed many new products and initiatives designed for computing professionals and managers. In FY20, the Board created and expanded a rich set of activities.



The PDC had a busy year preparing pilot programs for the coming months.



[ACM ByteCast](#) is a podcast series from ACM's Practitioners Board that presents interviews with leading researchers, practitioners, and innovators who are at the intersection of computing research and practice. In each episode, guests share their experiences, the lessons they have learned, and their own visions for the future of computing. The ByteCast program will transition into a committee of the board with the intent of producing these valuable podcasts on a regular basis.



[ACM Selects](#), another practitioner program, is effectively a structured blog with a focus on providing learning guides on a

wide variety of topics. Each of these guides (referred to as a "Select") is a short overview on a particular topic combined with a list of resources.

Queue, ACM's bimonthly online magazine for practicing software engineers, continues to attract content from industry leaders as well as record over 1.5 million article downloads per year. In the last year, the Practitioners Board made good on its promise to mount a case study program to focus on the practice of software development. As a result, five case studies were published in *Queue* in FY20, covering such topics as debugging concurrent systems, differential privacy, and quantum-resistant PKI, among others.

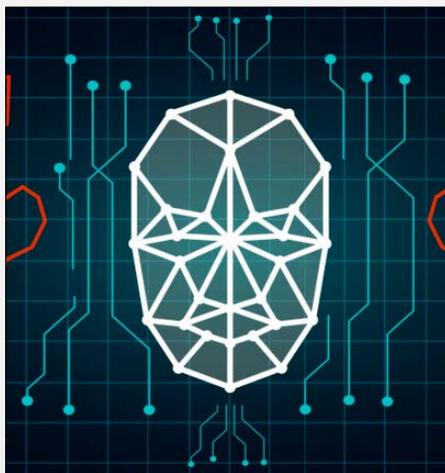
ACM launched FY20 with the establishment of a [Diversity & Inclusion Council](#), a cross-cutting group charged with coordinating and promoting diversity and inclusion efforts throughout the organization. ACM has invested in a number of programs over the years that focus specifically on different aspects of diversity and inclusion, such as regional

councils in Europe, India, and China, along with ACM-W, Richard Tapia Celebration of Diversity in Computing, and the Grace Hopper Celebration of Women in Computing. The D&I Council will build on these efforts as well as set the course for more inclusive activities. One of the D&I Council's first actions involved an effort to replace offensive or exclusionary terminology in the computing field. They have developed a list of [computing terms to be avoided](#) in professional writing and presentations and offer alternative language.

[ACM's Committee on Professional Ethics](#) spent a good part of the year helping to facilitate the adoption of the ACM Code of Ethics by other organizations including business and other professional societies. Members of the committee also gave presentations and support to international groups developing codes of ethics, consulting with groups in Australia, Italy, New Zealand, and the U.K.

Public Policy

ACM's policy committees address technological public policy issues with governments and lawmakers on a global scale. The ACM Technology Policy Council (TPC) sets the agenda for ACM's international policy activities and the ACM U.S. Technology Committee (USTPC) is the nucleus for ACM's interaction with U.S. government organizations, the computing community, and the public on matters of public policy and technology. The Europe Technology Committee (Europe TPC) is charged with promoting dialogue on technology and computing policy issues with the European Commission (EC) and other government bodies in Europe.



The USTPC called for “an immediate suspension of the current and future private and governmental use of facial recognition technologies in all circumstances known or reasonably foreseeable to be prejudicial to established human and legal rights” in its [“Statement on Principles and Prerequisites for the Development, Evaluation and Use of Unbiased Facial Recognition Technologies.”](#)

USTPC also joined many of the nation’s leading experts in cybersecurity, computing, and science in calling on all governors and state election directors to refrain from using any form of Internet voting or voting app systems in the recent 2020 elections. The [joint open letter](#) included a detailed analysis prepared by the AAAS Center for Scientific Evidence in Public Issues that demonstrated why Internet voting is not a secure solution for the U.S.

USTPC submitted a [court brief](#) with the U.S Supreme Court in the landmark case of *Van Buren v. United States*—the first time it has reviewed the Computer Fraud and Abuse Act, a 1986 law that was originally intended to punish hacking. USTPC noted the questions posed in this case

have broad implications for data and computing scientists, as well as other professionals who use the Internet and computing technology, particularly to access online information.

Europe TPC published a statement last May on [“Essential Principles and Practices for COVID-19 Contact Tracing Applications.”](#) The statement was in response to the polarized situation about technical approaches, privacy risks, and fraud.

Europe TPC also submitted comments to the EC’s Directorate General for Climate Action in support of the EC’s premise that realizing true energy efficiencies in ICT

The ACM Committee on Computers and Public Policy (CCPP) spearheads public-serving entities like [“ACM Forum on Risks to the Public,”](#) founded in 1985 and heralded as a pioneering chronicler of potential safety risks in the use of computers ([www.risks.org](#)). ACM Risks Digest reported 78 issues in FY20; a marked increase in submissions. The Digest serves a vital educational role and provides useful resources for teachers, researchers, developers, and end users.



ACM Europe TPC Statement on Contact Tracing [🔗](#)

ACM’s Europe Technology Policy Committee issued detailed principles and practices for the development and deployment of contact tracing technology intended to track and arrest the spread of COVID-19. Europe TPC’s statement calls on governments that adopt such systems to choose “only those which... respect and protect the rights of all individuals; safeguard personal data and privacy to the highest degree technically possible; and are subject to scrutiny by the scientific community.” [View the full statement here.](#)



ACM Europe TPC Comments on Green Deal [🔗](#)

ACM’s Europe Technology Policy Committee submitted comments to the Directorate General for Climate Action of the European Commission in support of the comprehensive and ambitious sweep of the Commission’s Green Deal. ACM Europe TPC strongly concurs with the Commission’s premise that realizing true energy efficiencies in the information and communication technology (ICT) sector will be critical to Europe’s success in meeting the Green Deal’s appropriately aggressive climate targets.

Students

The 2020 ACM Student Research Competition presented a unique forum for ACM undergraduate and graduate student members to present original research. Competitions were held at a dozen top ACM conferences throughout the year, advancing to compete in the Grand Finals where research contributions were evaluated online by the ACM SRC Committee. Financial sponsorship of \$120,000 is provided by Microsoft per competition year. FY20's recipients in the undergraduate category—from first to third place respectively—represented Tsinghua University, California Institute of Technology, and University of California, Santa Cruz. In the Graduate category, first through third places went to students representing MIT, Virginia Tech, and University of New South Wales.

Once again, hundreds of students from ACM student chapters participated in the [Hour of Code](#), an annual global phenomenon spotlighting programming and technology designed to generate excitement in young people. Student chapters worldwide organized games, tutorials, and other local events introducing the wonders

of technology to the delight of young students.

Significant changes in the process and evaluation of ACM India's Best Student Chapter Awards were made this year. Strategies were adopted to ensure relevant student chapter activities from their respective campuses are published on social media—Facebook and ACM India's LinkedIn page—to provide more objectivity during the judging process.

SIGARCH continued student mentoring through its "Meet a Senior Architect" program, which matches students with senior architects for one-on-one meetings.

SIGCOMM launched an aggressive effort to construct online platforms, virtual collaboration engines, and venues to support students and learning during the earliest days of the pandemic, including a new workshop entitled "Teaching and Learning Computer Networking During the Pandemic and Beyond." The workshop brought together teachers and faculty around the world to share experiences, lessons learned, and resources.



ACM student chapters engage readily in the annual Hour of Code event, sharing the wonders of computing with thousands of youngsters around the world.



Young students proudly display their Hour of Code diplomas at Nazarbayev University in Kazakhstan.



The University of Buffalo, NY, USA, student chapter members.

News From...

ACM Europe Council

The [ACM Europe Council](#) focuses on a wide range of ACM activities to encourage greater participation of Europeans in all dimensions of ACM. One of its main priorities this year was to emphasize empowering its work in giving credit to distinguished European researchers by establishing a new working group whose role is to create appropriate mechanisms to help increase the number of successful nominations of European researchers for the advanced ACM member grades.

Another priority was to strengthen participation of young European scientists in various ACM activities. To this end, the Council sponsored two summer schools in July 2019: the third installment of the ACM Summer School on Data Science took place in Athens and a new Summer School on HPC Architectures for AI and Dedicated Applications which took place in Barcelona in July.

The mission of ACM Women in Computing Europe ([ACM-WE](#)) is to help transform the European professional and scholarly landscape where women are supported and inspired to pursue their ambitions in the computing field. One of the main activities of ACM-WE is *WomENcourage*—ACM’s Celebration of Women in Computing. In FY19, the conference was held in Sapienza, Italy, and drew a record number of attendees from 35 countries.

[The Informatics for All](#) coalition was created to advocate for the inclusion of informatics as a foundational discipline in school across Europe. The committee helped craft the [Rome Declaration](#), which calls upon all European national and international institutions to “exercise the moral suasion power for that the principles of informatics are included as part of a school curricula at all levels” and to support the aims of *Informatics for All*.



The 5th *womENcourage* ACM Celebration of Women in Computing Conference took place in Sapienza, Italy.



Participants of the Summer School on HPC Architectures for AI and Dedicated Applications took place in Barcelona, Spain.



The ACM Europe Council sponsored the Summer School on Data Science in Athens, Greece.

News From...

ACM India Council

The ACM India Annual Event 2020 was held last February. It is the flagship conference of [ACM India Council](#) and this year the event welcomed over 1,200 professionals, researchers, academics, and students. A livestream of the event also garnered hundreds of viewers and has been viewed 2,000 times.

IRISS 2020 took place on the campus of Indian Institute of Technology in Gandhinagar in February 2020. The two-day event provides research scholars in India an opportunity to showcase their work to a conclave of researchers and potential employers.

In conjunction with IRISS 2020, ACM-W India organized a workshop targeted for women researchers in computer science.

The Academic Research Summit, organized annually by ACM India and Microsoft Research, promotes collaborations between research groups from different institutions. The fifth edition of ARS was held in Goa, India, and the theme of this year's meeting was security, including digital identity, privacy, fairness, cryptography, and verification.

The [CSpathshala](#) educational initiative, now in its fourth year, promotes computing as a science in all of India's grade schools. To date over 5,600 teachers from 2,650 institutes have been trained through 93 awareness workshops and training programs. Working toward sustaining this initiative, CSpathshala is building a Community of Practice platform and annual conference to allow teachers to share experiences and to learn from each other.



ACM India President Abhiram Ranade (right) with Yann LeCun, co-recipient of the ACM A.M. Turing Award and keynote speaker at the ACM India Annual Conference in February 2020.

Participants of the ACM-W India Workshop.



The CSpathshala initiative, promoting computing as a science in grade schools throughout India, celebrated its fourth year in FY20.

News From...

ACM China Council

Efforts to welcome more ACM SIGs into the fold was a major effort for [ACM's China Council](#). Regional chapters for SIGHPC, SIGWEB, SIGSAC joined SIGCOMM and SIGAPP among others.

The Council also continues to assist more SIGs and chapters to hold competitions throughout China.

The Council is committed to advancing the cooperation between ACM China and more companies and academia and localities. They are also working toward expanding ACM's China's influence through a variety of cooperative models and strive for more sponsorships to support more activities.



ACM SIGCOMM China.



2020 ACM China Awards.



2020 ACM China Awards participant panelists.

Conferences

This year, without warning, conferences around the globe were finding themselves in uncharted waters as the global COVID-19 pandemic made physical meetings impossible. To help organizers cope, ACM convened a Presidential Task Force on What Conferences Can Do to Replace Face-to-Face Meetings. ACM issued a new report, "[Virtual Conferences: A Guide to Best Practices](#)," on how to replace face-to-face conferences with virtual ones during the pandemic. The "Virtual Conferences" report provides concrete advice for events of all sizes. It is a practical guide covering a wide array of topics that organizers face, including needed technology, high-level planning, accessibility, fostering social interaction, navigation, and finances.

SIGAI and AAI jointly created the AAI/ACM SIGAI Doctoral Dissertation Award to recognize and encourage superior research and writing by doctoral candidates in AI. The partnership also saw their annual AAI/ACM SIGAI Job Fair flourish with the growth of the greater AI and machine learning communities. The number of companies and universities attending this year's job fair increased over 35% from FY19.



Attendees at SC19 in Denver, CO, USA.



SIGUCCS '19 took place in New Orleans, LA, USA.



SIGKDD '19 was held in Anchorage, AK, USA.

Recognition

Patrick M. (Pat) Hanrahan and Edwin E. (Ed) Catmull were the recipients of the 2019 ACM A.M. Turing Award for their fundamental contributions to 3D computer graphics, and the revolutionary impact of these techniques on computer-generated imagery (CGI) in filmmaking and other applications.



2019 ACM A.M. Turing Award recipients Edwin E. Catmull (left) and Patrick M. Hanrahan

The [ACM Fellows](#) Program inducted 58 new members bringing the number of ACM Fellows to 1,215.

ACM named 62 Distinguished Members for outstanding contributions to the field. All [2019 inductees](#) are longstanding ACM members and were selected by their peers for a range of

accomplishments that have contributed to technologies that underpin how we live, work, and play. Of the 62, 51 were recognized for Outstanding Contributions to Computing, 9 were noted as Outstanding Education Contributions, and two were honored for Outstanding Engineering Contributions.

ACM-W debuted the inaugural [ACM-W Rising Star Award](#). The award recognizes a woman whose early-career research has had a significant impact on the computing discipline.

SIGBED introduced the new ACM SIGBED Scholars Program to recognize promising young scholars with an interest in the Internet of Things. And SIGCSE established a new conference—the ACM Global Computing Education Conference—which will occur biannually and will be hosted in countries that do not currently have an annual SIGCSE conference.

ACM's [History Committee](#) fosters collection, preservation, and interpretation of the history of ACM



and its role in the development of computing. The committee completed Phase I of its Turing Oral History Project and is well into Phase II. Among the committee's many other ventures is the SIG Heritage project, and the India Industry Leaders project as well as the ACM Key Awards project.

ACM established a special category of the ACM Gordon Bell Prize this year to recognize outstanding research achievements that use high-performance computing (HPC) applications to understand the COVID-19 pandemic, including the understanding of its spread. The ACM Gordon Bell Special Prize for High Performance Computing-Based COVID-19 Research will be presented in 2020 and 2021.

Recognition



David Silver



Maria-Florina Balcan



Mordechai Ben-Ari

ACM AWARD RECIPIENTS

2019 ACM A.M. Turing Award

Edwin E. Catmull
Patrick M. Hanrahan

ACM Prize in Computing

David Silver

ACM-AAAI Allen Newell Award

Lydia E. Kavradi
Daphne Koller

Grace Murray Hopper Award

Maria-Florina Balcan

Software System Award

Paul Mockapetris, for DNS

Karl V. Karlstrom Outstanding Educator Award

Mordechai Ben-Ari

Paris Kanellakis Theory and Practice Award

Noga Alon
Phillip Gibbons
Yossi Matias
Mario Szegedy

Distinguished Service Award

Michael Ley

ACM-W Athena Lecturer Award

Sarit Kraus

Outstanding Contribution to ACM Award

Arati M. Dixit

2020 ACM-IEEE CS Eckert-Mauchly Award

Luiz Andre Barroso

2019 ACM-IEEE CS Ken Kennedy Award

Geoffrey Fox

Gordon Bell Prize

Team from ETH Zurich

2020 ACM-IEEE CS George Michael Memorial Fellowships

Kazem Cheshmi
Madhurima Vardhan
Keren Zhou

IPSJ/ACM Award for Early Career Contributions to Global Research

Koji Yatani

Doctoral Dissertation Award

Dor Yosef Minzer

Honorable Mention

Jakub Tarnawski
JiaJun Wu

ACM India Doctoral Dissertation Award

Jatin Batra

Honorable Mention

L. Venkatesh Emani

ACM China Doctoral Dissertation Award

Pengfei Zuo
Chengliang Chai

ACM China Rising Star Award

Quanshi Zhang
Xin Wang

ACM/CSTA Cutler-Bell Prize in High School Computing

Kevin Meng
Lillian Kay Petersen
Axel S. Toro Vega
Zeyu Zhao

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ACM HEADQUARTERS

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Vicki L. Hanson

Deputy Executive Director and Chief Operating Officer

Patricia M. Ryan

Financial Statements

Statement of Operational Activities: Year ended June 30, 2020 (in Thousands)

	Without Donor Restrictions	With Donor Restrictions	Total
REVENUE			
Membership dues	\$7,476	\$—	\$7,476
Publications	23,732	—	23,732
Conferences and other meetings	29,361	—	29,361
Interests and dividends	3,321	—	3,321
Net investment return	793	—	793
Contributions and grants	8,369	1,645	10,014
Other revenue	113	—	113
Net assets released from restrictions	1,421	(1,421)	—
Total Revenue	74,586	224	74,810
EXPENSES			
Program:			
Membership processing and services	1,242	—	1,242
Publications*	24,101	—	24,101
Conferences and other meetings	28,912	—	28,912
Program support and other	6,047	—	6,047
Total Program Expenses	60,302	—	60,302
Support services:			
General administration	5,436	—	5,436
Membership development	1,109	—	1,109
Total Support Services Expenses	6,545	—	6,545
Total Expenses	66,847	—	66,847
Change in net assets	7,739	224	7,963
Net assets at the beginning of the year	129,918	6,849	136,767
Net Assets at the End of the Year**	\$137,657	\$7,073	\$144,730

* Publications expense includes SIG distribution relating to Digital Library content.

** Includes SIG Fund balance of \$63,664.

Financial Statements

Balance Sheet:
June 30, 2020
(in Thousands)

ASSETS	
Cash and cash equivalents	\$35,682
Investments	130,000
Accounts receivable and other assets, net	8,828
Deferred conference expenses	7,212
Fixed assets, net of accumulated depreciation and amortization	1,849
Total Assets	\$183,571
LIABILITIES AND NET ASSETS	
Liabilities:	
Accounts payable, accrued expenses, and other liabilities	\$14,350
Unearned conference, membership, and subscription revenue	24,491
Total Liabilities	\$38,841
Net assets:	
Without Donor Restrictions	137,657
With Donor Restrictions	7,073
Total Net Assets	144,730
Total Liabilities and Net Assets	\$183,571
OPTIONAL CONTRIBUTIONS FUND — Program Expense (in thousands)	
Education Board accreditation	\$95
USACM Committee	4
Total Expenses	\$99

ACM's Special Interest Groups

- SIGACCESS** Special Interest Group on Accessibility and Computing
- SIGACT** Special Interest Group on Algorithms and Computation Theory
- SIGAI** Special Interest Group on Artificial Intelligence
- SIGAPP** Special Interest Group on Applied Computing
- SIGARCH** Special Interest Group on Computer Architecture
- SIGAda** Special Interest Group on Ada Programming Language
- SIGBED** Special Interest Group on Embedded Systems
- SIGBio** Special Interest Group on Bioinformatics, Computational Biology
- SIGCAS** Special Interest Group on Computers and Society
- SIGCHI** Special Interest Group on Computer-Human Interaction
- SIGCOMM** Special Interest Group on Data Communication
- SIGCSE** Special Interest Group on Computer Science Education
- SIGDA** Special Interest Group on Design Automation
- SIGDOC** Special Interest Group on Design of Communication
- SIGECOM** Special Interest Group on Electronic Commerce
- SIGEVO** Special Interest Group on Genetic and Evolutionary Computation
- SIGGRAPH** Special Interest Group on Computer Graphics
- SIGHPC** Special Interest Group on High Performance Computing
- SIGIR** Special Interest Group on Information Retrieval
- SIGITE** Special Interest Group on Information Technology Education
- SIGKDD** Special Interest Group on Knowledge Discovery in Data
- SIGLOG** Special Interest Group on Logic and Computation
- SIGMETRICS** Special Interest Group on Measurement and Evaluation
- SIGMICRO** Special Interest Group on Microarchitecture
- SIGMIS** Special Interest Group on Management Information Systems
- SIGMM** Special Interest Group on Multimedia Systems
- SIGMOBILE** Special Interest Group on Mobility of Systems, Users, Data and Computing
- SIGMOD** Special Interest Group on Management of Data
- SIGOPS** Special Interest Group on Operating Systems
- SIGPLAN** Special Interest Group on Programming Languages
- SIGSAC** Special Interest Group on Security, Audit and Control
- SIGSAM** Special Interest Group on Symbolic & Algebraic Manipulation
- SIGSIM** Special Interest Group on Simulation
- SIGSOFT** Special Interest Group on Software Engineering
- SIGSPATIAL** Special Interest Group on Spatial Information
- SIGUCCS** Special Interest Group on University & College Computing Services
- SIGWEB** Special Interest Group on Hypertext, Hypermedia and Web



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