

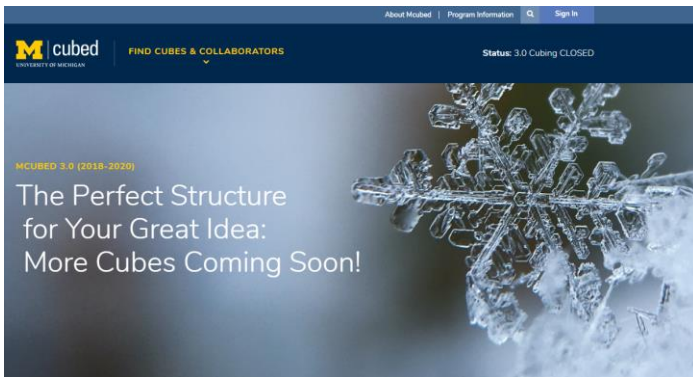


RESEARCH UPDATES

February 25, 2019

Mcubed 3.0 last cubing phase

UM-Flint faculty requested 7 additional cubes during the second round of project creation in Mcubed 3.0 before cube requests were closed on February 6, 2019. Four were selected via the semi-random matching process used during the first two cubing events.



Mcubed will now shift into a [first-come, first-served](#) phase, allowing faculty teams to request cubes at any time rather than waiting for a cube-request event. As long as sufficient funded tokens remain in the three faculty collaborators' home units, the cube will be granted. There will be no more semi-random lotteries in this cycle. Instead, cubes will be distributed on a rolling basis, with the same Mcubed program requirements and funding models as before.

The first-come, [first-served cubing phase will open Wednesday, March 13, at 10:00 a.m.](#), and will continue as long as central funding remains from each of the three U-M campuses - Ann Arbor, Dearborn and Flint.

Be sure to visit the [Status of All Tokens](#) table to see if your unit has tokens still available to form cubes! (Note: To view the table, you must login using your unqname and kerberos password)

Units with No Funding Available

Several units have reached their funding limits for tokens in classic cubes (worth \$60K) and/or mini-cubes (worth \$15K). If you come from one of these units, **know that you can still participate in a cube as an additional team member who contributes knowledge and expertise, and your name can be included on the cube's project card within the Mcubed website.** (In fact, cubes very often involve more than three faculty members.) But you won't be contributing a token to form the cube. It can only be formed by three faculty from units that have funded tokens available.

Some units have reached their limits of funded tokens in classic cubes (worth \$60K), but sufficient funds remain to support tokens in mini-cubes (worth \$15K). If you are from one of these units, consider whether your project might be advanced with \$15K. If so, request a mini-cube!

Units on the Brink of Reaching Funding Limits

A few units are very close to reaching their limits of funded tokens for classic and/or mini-cubes. If you are from one of these units, try to request your cube as quickly as possible on [March 13th](#). Also consider involving faculty from units that still have plenty of funded tokens available.

Remaining UM-Flint Mcubed Funds

At UM-Flint there are **still \$195,000** in Mcubed funds available across five units, the Libraries, CAS, SEHS, SOM and SON. The table below shows the current availability of mini-tokens (at the \$5,000 scale). Substantial funding still exists in Education, SOM, and SON to form new projects.

UM-Flint, Mini-Tokens Still Available

Unit (faculty in system)	Available	In Requested	
		Cubes	Funds
Art & Design (5)	1		\$ 5,000
Business (24)	9		\$ 45,000
Education (15)	9		\$ 45,000
Engineering (18)	0		\$ -
Libraries (9)	5		\$ 25,000
LSA: Humanities (29)	0		\$ -
LSA: Natural Sciences (37)	0		\$ -
LSA: Social Sciences (32)	3		\$ 15,000
Medicine (14)	0		\$ -
Music, Theatre, & Dance (9)	0		\$ -
Nursing (24)	8		\$ 40,000
Public Health (15)	0		\$ -
Social Work (4)	4		\$ 20,000
Total			\$ 195,000

UMF Faculty should also think about the remaining funding on the Ann Arbor campus. If you haven't taken the opportunity to examine some of the projects that have taken shape thus far, search in your field or in a domain related to some of your project ideas. While you are doing some discovery, take a few minutes to update your profile on Mcubed by logging into the Mcubed website and editing your profile directly. In many cases, the original profiles were created by Mcubed staff by looking at faculty profiles on departmental web pages, and may not include new research interests or recent publications. This makes it harder for faculty from Dearborn or Ann Arbor to discover UMF faculty who might be a good fit for their project ideas.

UM Ann Arbor, Mini-Tokens Still Available

Unit (faculty in system)	Available	In Requested	
		Cubes	Funds
Architecture & Urban Planning	3	\$	15,000
Art & Design (38)	0	\$	-
Business (109)	1	\$	5,000
Dentistry (74)	23	\$	115,000
Education (43)	32	\$	160,000
Engineering (489)	224	\$	1,120,000
Information (58)	35	\$	175,000
Institute for Social Research (1	3	\$	15,000
Kinesiology (37)	32	\$	160,000
Law (85)	3	\$	15,000
Libraries (171)	2	\$	10,000
Life Sciences Institute (28)	1	\$	5,000
LSA: Humanities (350)	20	\$	100,000
LSA: Natural Sciences (399)	26	\$	130,000
LSA: Social Sciences (242)	19	\$	95,000
Medicine (3, 801)	136	\$	680,000
Music, Theatre, & Dance (153)	4	\$	20,000
Nursing (101)	0	\$	-
Pharmacy (46)	3	\$	15,000
Public Health (174)	142	\$	710,000
Public Policy (27)	16	\$	80,000
School for Environment and Su	28	\$	140,000
Social Work (66)	5	\$	25,000
UMOR Units (11)	75	\$	375,000
	Total	\$	4,165,000

To reconstitute your team of collaborators: The project creator should login to the Mcubed website, open the project card, and then click the "x" next to the name of the collaborator(s) he/she wishes to remove/replace. The project creator will need to invite a new collaborator(s) whose unit has sufficient funding to join the project. The project creator can then request the cube on March 13th.

To free up your token: If the faculty member who originally created your project comes from a unit that has used up its tokens, that person cannot currently serve as one of the three token-contributing collaborators on the team. Instead, you can form a different trio of faculty

members. In this case, you will need to ask the faculty project creator from your previous project to release your token.

SEEK MINI INSTEAD OF CLASSIC

Some units have currently reached their limits of funded tokens in classic cubes (worth \$60K total), but there are still sufficient funds to support tokens in mini cubes (worth \$15K total). If one of the three faculty collaborators on your team comes from such a unit, when the Mcubed website opens for cube requests on March 13, you can choose to request a mini-cube instead of a classic cube.

The Mcubed staff hope that you will propose a cube again or explore forming a new project team, and are glad to consult with you about your particular situation. You can reach the Mcubed team at mcubedinfo@umich.edu or - 734-763-2453. Or contact Ken Sylvester in the UM-Flint Office of Research, 810-766-6842, with questions.

HFRC RESEARCH SYMPOSIUM, MARCH 15, 2019, RIVERFRONT CENTER

The Healthy Flint Research Coordinating Center (HFRC) is a joint collaboration between Flint community partners; Community Based Organization Partners – Community Ethics Review Board (CBOP-CERB) and the National Center for African American Health Consciousness (NCAAHC), with the support of Michigan State University, the University of Michigan – Flint and the University of Michigan.

The HFRC is a community-academic partnership with a goal of establishing equitable relationships between community and academia.

The HFRC involves voluntary participation by community members, organizations and researchers focused in the economic environmental, behavioral and physical health of Flint residents. Data dissemination, as well as training and education for academic and community partners, are essential core activities of the HFRC.



Healthy Flint Research
Coordinating Center

WHAT'S HAPPENING AT THE [HFRCC Research Symposium](#)

[There's still time to register!](#) Join us for another powerful symposium as thought leaders working in Flint present their work. Presentation topics include:

- women's health
- health care access
- substance use
- research conducted by youth



SYMPOSIUM KEYNOTE

Daniel E. Dawes



Daniel E. Dawes is a nationally recognized leader in the movement to advance health equity among under-resourced, vulnerable and marginalized communities. An attorney, scholar and health policy expert, Dawes brings a forward-thinking, inclusive and multidisciplinary approach to the law and public policy, and has been at the forefront of

recent major federal health policy negotiations in the United States. Among his many achievements, he was an instrumental figure in shaping the Mental Health Parity Act, the Genetic Information Nondiscrimination Act, the Americans with Disabilities Act Amendments Act, and the Affordable Care Act ("ObamaCare").

SYMPOSIUM REGISTRATION

[There's Still Time to Register](#)

Join us for another powerful symposium as thought leaders working in Flint present their work. We look forward to seeing you there! For registrations and the agenda overview, click [here](#).

ORAL & POSTER PRESENTATIONS

Status of Abstract Submissions

Final poster and oral presentation emails have been sent from Kaneesha Wallace (kaneeshw@med.umich.edu). If you have additional questions, email HFRCC.symposium@umich.edu.

AWARD NOMINATIONS

Thank you for your input!

Flint residents and leaders are proud of the people making a difference in the lives of others and this showed with the number of award submissions received. We look forward to sharing the results with you on March 15th.

EVENT INFORMATION

Friday, March 15, 2019 | 8:00 AM to 3:30 PM

Riverfront Banquet Center

1 Riverfront Plaza, Flint, MI 48502

RESEARCH FUNDAMENTALS SEMINAR

Research Fundamentals: Community-Engaged Research

Our presenter this past **Friday, February 15**, was associate professor of Biological Sciences, Donna Kashian, from Wayne State University.



Donna Kashian, Associate Professor, Biological Sciences, is the Principal Investigator of a National Science Foundation award, 2017-2022, NRT: Transforming Research in Urban Sustainability and Training, T-RUST.



Dr. Kashian offered an overview of her new NSF Award, the **Transformative Research in Urban Sustainability and Training (T-RUST)** which has helped to launch a joint PhD program at Wayne State to integrate social and physical science, technology, engineering, and mathematics. The research and training

focuses on urban ecological systems, urban redevelopment and the blue economy, and sustainable urban water infrastructure.

Follow-up

Dr. Kashian shared her slide deck and welcomes inquiries about the program which has funding for graduate students through 2022. If you would like to have a copy of the slide deck, contact Ken Sylvester in the Office of Research.

STATISTICAL CONSULTING

All University of Michigan faculty across all three campuses are eligible for statistical consulting services from CSCAR in Ann Arbor. Recently some faculty were mistakenly informed by front desk staff at CSCAR that UM-Flint faculty were ineligible for CSCAR services.

CSCAR director and statistics professor Kerby Shedden confirmed recently in communications with UMF Office of Research that UM-Flint faculty are eligible for CSCAR's consulting services. Some of the new staff were unaware of the long-standing policy. CSCAR operates through a combination of central funding and service unit billing. The first hour of consultation for "faculty-directed" research is free. If the subsequent design or analysis

needs of UMF faculty are more extensive, CSCAR staff have been asked to draft a contract for those additional services for the approval of the Office of Research at UM-Flint. UMF ORSP has an annual budget to support consulting services for more advanced statistical needs at CSCAR.

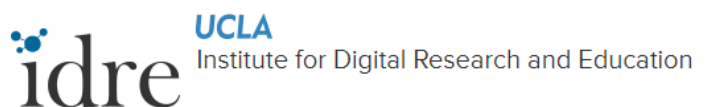
Keep in mind that CSCAR is a central unit and is not based in a particular college on the Ann Arbor campus. In recent years it has moved rapidly into the support of advanced research computing and data science, like computational science, big data analytics, and visualization science. This is reflected in the on-site workshop offerings which are available in the winter term of 2019.

<https://cscar.research.umich.edu/events/category/worksops/>

One of the open source statistical packages that CSCAR has begun to support in its workshop offerings is the open source program known as **R**. R has a graphical interface known as R-Studio. It has many built-in statistical procedures, and excellent graphing capability, but is also well-suited to applications in spatial analysis, text mining, data science and parallel processing.

For faculty more familiar with standard commercial statistical packages like SAS, STATA or SPSS, less in-person training is available through CSCAR this academic year. CSCAR does have many general online resources to get you started and situate your data analysis needs. Check out their github site for workshop slides, documents and code, <https://cscar.github.io>.

Another good online resource for learning basic statistical analysis is UCLA's Institute for Digital Research and Education. IDRE posts many online learning modules which will walk you through basic data analysis techniques, with concrete examples and textbook examples. For the SPSS modules check out the following page. <https://stats.idre.ucla.edu/spss/>



Check out their primer on choosing the correct statistical test for the kind of data you want to analyze.

<https://stats.idre.ucla.edu/other/mult-pkg/whatstat/>