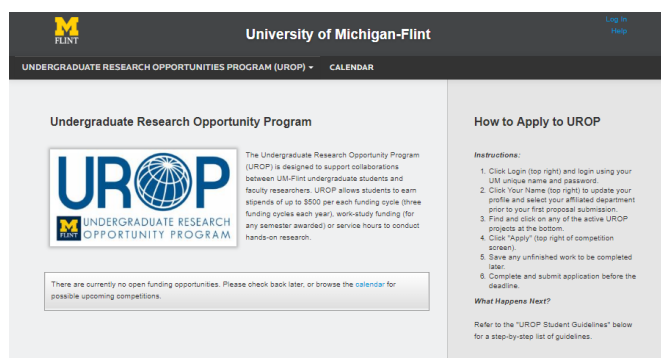


RESEARCH UPDATES September 13, 2019

UROP Changes This Fall

The Undergraduate Research Opportunity Program (UROP) has moved to a new project submission system. Beginning this September, UROP will be using Google Forms to accept [proposal submissions](#). After review, accepted projects will be transferred to the UROP domain of InfoReady, the UM-Flint competition space (<https://umflint.infoready4.com/#urop>).



Faculty will have a 30-day window during each funding cycle (September 1 to 30, January 1 to 31, and May 1 to May 31) to recruit UROP student assistants using this web-based system. Once projects are posted in InfoReady, the faculty sponsor will be granted reviewer status in order to review student applicants who apply to that project.

One advantage of using the InfoReady portal is that it features a keyword function that allows students to search through project listings more efficiently. InfoReady will also make it easier to track which projects remain active. Approved projects will not go 'live' during the following funding cycle unless the faculty member formally requests a [renewal](#) during the subsequent 30-day application period. When renewals are approved, the existing project description will simply be re-launched in the UROP InfoReady competition space.

These changes will allow UROP to develop a wider sense of student interest in the program, gather brief

feedback from students at the end of each term, and develop more data-driven measures of student learning and research outcomes for both the faculty and student participants.

For more information about this transition, visit the UROP homepage at www.umflint.edu/research/UROP under the "Faculty" tab. As always, feel free to contact the UROP Program Manager, Andre Louis (alouis@umich.edu) or ORSP Director, Ken Sylvester (kenms@umich.edu) with any questions.

Mcubed 3.0 last phase

[Mcubed](#) is in its final first-come-first served phase of cube formation this fall semester. Unlike the first two rounds of project formation, cubes can form as soon as they are requested, as long as the basic Mcubed program requirements are met and funding is available in a faculty member's home unit.



There are now a total of 16 cubes that formed involving UM-Flint faculty. Two cubes have formed since the first-come first-serve phase opened on March 13, 2019. And there is one UM-Flint faculty member who is part of a Diamond Project. The funding remains available until December of 2019.

Remaining UMF Mcubed Funds

There is still a total of **\$175,000** in Mcubed funds available across five units, the Libraries, CAS, SEHS, SOM and SON. The table that follows illustrates the current availability of mini-tokens (at the \$5,000 scale). Substantial funding still exists in Education, Social Work, SOM, and SON to form new projects.

UM-Flint, Mini-Tokens Still Available (09-13-2019)

Unit (faculty in system)	Available	In Requested Cubes	Funds
Art & Design (5)	0		\$ -
Business (24)	9		\$ 45,000
Education (15)	9		\$ 45,000
Engineering (18)	0		\$ -
Libraries (9)	4		\$ 20,000
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)	6		\$ 30,000
Public Health (15)	0		\$ -
Social Work (4)	4		\$ 20,000
Total			\$ 175,000

UMF Faculty should also think about the remaining funding on the Dearborn and Ann Arbor campuses. If you haven't taken the opportunity to examine some of the projects that have taken shape thus far, it is worth browsing through the projects in your field using the filtering tools in Mcubed or doing some keyword searching.

UM Ann Arbor, Mini-Tokens Still Available (09-13-2019)

Unit (faculty in system)	Available	Funds
Architecture & Urban Planning (57)	1	\$ 5,000
Art & Design (38)	0	\$ -
Business (109)	0	\$ -
Dentistry (74)	11	\$ 55,000
Education (43)	32	\$ 160,000
Engineering (489)	160	\$ 800,000
Information (58)	35	\$ 175,000
Institute for Social Research (147)	3	\$ 15,000
Kinesiology (37)	32	\$ 160,000
Law (85)	3	\$ 15,000
Libraries (171)	1	\$ 5,000
Life Sciences Institute (28)	1	\$ 5,000
LSA: Humanities (350)	15	\$ 75,000
LSA: Natural Sciences (399)	19	\$ 95,000
LSA: Social Sciences (242)	14	\$ 70,000
Medicine (3, 803)	28	\$ 140,000
Music, Theatre, & Dance (152)	1	\$ 5,000
Nursing (101)	0	\$ -
Pharmacy (47)	0	\$ -
Public Health (176)	112	\$ 560,000
Public Policy (27)	12	\$ 60,000
School for Environment and Sustainability (44)	15	\$ 75,000
Social Work (66)	1	\$ 5,000
UMOR Units (11)	75	\$ 375,000
Total	571	\$ 2,855,000

As of September 13, there are only 2 mini tokens remaining at UM-Dearborn (in Business) and the

equivalent of **571 mini tokens** left at UM-Ann Arbor (or **\$2.855 million**). Most of the availability in Ann Arbor is in Public Health and Engineering, but funding is still available in the Natural Sciences, Social sciences, School of Information, and the School for Environment and Sustainability (SEAS).

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.

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.

Ask Questions.

The Mcubed staff hope that you will propose a cube with the remaining funds 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, to discuss options for project collaborations.

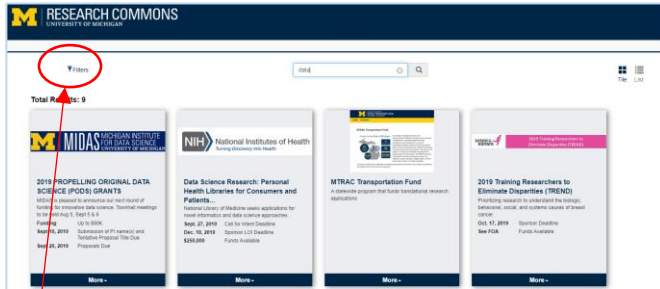
FUNDING OPPORTUNITIES



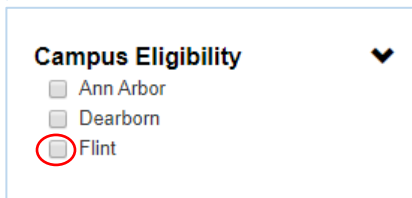
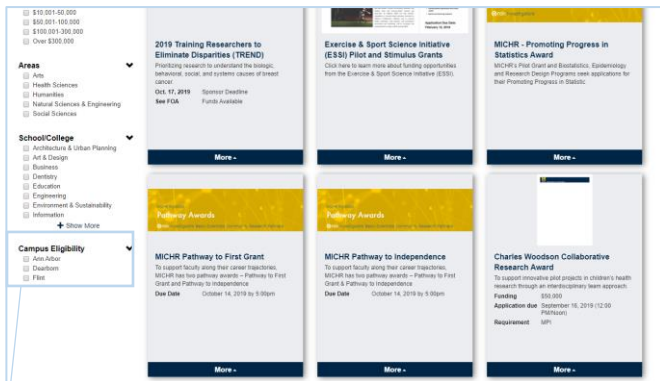
Research Commons

Effective **September 1**, all internal and limited submission opportunities available across all three U-M campuses, will be posted on a single web hub known as the **Research Commons**. The [Research Commons](#) aggregates opportunities for research opportunities on a single platform that is searchable and can be filtered across several domains, including: **Eligibility** (faculty, graduate students, junior faculty, mid-career), **Funding Type** (artistic or performance, conference grants,

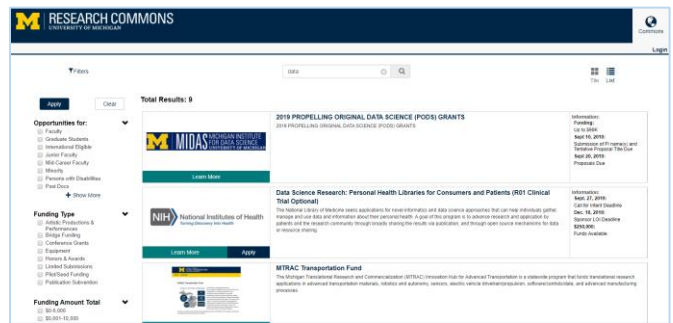
equipment, limited submission, pilot funding, publication subvention), **Funding Amounts, Areas** (Arts, Health Sciences, Humanities, Natural Sciences and Engineering, Social Sciences), School or College, and **Campus** (Ann Arbor, Flint, and Dearborn).



Click on the filter tool in the top left hand corner of the landing page to begin exploring opportunities. Filter according to eligibility, funding type, funding areas, school or college or campus. Choose only opportunities open to UMF Faculty. Display the opportunities as tiles or as a list of funding opportunities. When you click on a funding opportunity, you will be redirected to the U-M school, college or unit that is promoting the funding opportunity and find out further details about the application process.

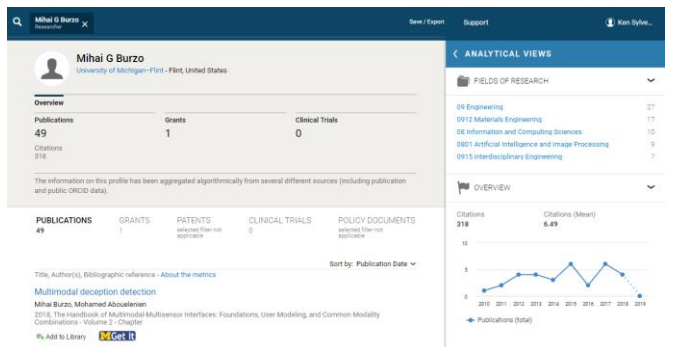
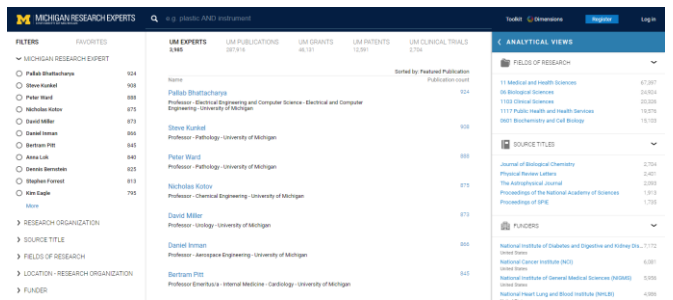


In List View, more of the funding opportunity detail is immediately displayed to the right of the tile image.



All of this is possible across all three U-M campuses because each is now using the InfoReady platform to manage limited submissions and internal opportunities. As you browse through the Research Commons, you will see that the UM-Dearborn and UM-Flint competition spaces are included in the Research Commons.

MICHIGAN RESEARCH EXPERTS



Michigan Research Experts is a searchable database of research expertise across the University of Michigan, developed by the Medical School Office of Research and custom-tailored to foster collaboration across all three U-M campuses and beyond. The Michigan Research Experts development team (Laura Hessler and Caleb

Smith) will be visiting the Flint campus on **Friday, October 25, 2019, 12:00-1:30**, for a live demo of the database system. Save the date, and look for a forthcoming event reminder, room assignment and digital RSVP.

Michigan Research Experts is an entirely new kind of database. It moves beyond the standard kinds of publication databases to monitor hundreds of different channels of information providing the latest citations and reporting from conferences, grants, patents, clinical trials, and digital news or social media.

Search the database by topic, individual name, or “free text” excerpt (such as a line of text from an abstract or RFA) to discover researchers, understand research expertise, and track both academic and social impact or engagement. You can use Michigan Research Experts to...

Find collaborators. Search by research topic such as “diabetes” or “mobile app” to see who on campus is currently active in your areas of interest.

Find funders. Once you’ve searched a research topic, your results will show “grants,” which lists funding organizations and award amounts from sources around the globe.

Track engagement. Altmetrics functionality tracks public/social engagement with your own work, as well as that of your peers.

Track patents. View entrepreneurial activity here at U-M, and around the world, in your areas of interest.

Currently there are 20 U-M schools, centers and institutes who have launched faculty profiles in Michigan Research Experts, including:

Automotive Research Center
 Biointerfaces Institute
 Rogel Cancer Center
 Samuel and Jean Frankel Cardiovascular Center
 School of Dentistry
 College of Engineering
 Institute for Healthcare Policy and Innovation
 U-M Injury Prevention Center
 School of Kinesiology
 Kresge Hearing Research Institute

Life Sciences Institute
 College of Literature, Science and the Arts
 Medical School
 School of Nursing
 College of Pharmacy
 School of Public Health
 Regenerative Medicine Resource Center
 Robotics Institute
 Tauber Institute for Global Operations
 University of Michigan – Dearborn

Michigan Research Experts Faculty Profiles are auto-populated by various publication databases and electronic records, but it’s will also be easy to customize your listing. Faculty listings **only go public** in the database after the faculty member gives permission in the system. Once the permission to be public is granted, faculty members can also add information about themselves. Simply login using your username and level 1 password, and you can add pictures, edit contact information, claim publications, and include links to websites such as your LinkedIn profile.

The UMF Office of Research has been working with staff at U-M Medical School to include UMF Faculty in Michigan Research Experts this past summer. Our faculty roster was extracted from the human resources system and uploaded into Michigan Research Experts. The UMF faculty profiles **are not yet live** and Michigan Research Experts will be visiting campus on Friday, October 25, 2019, 12:00-1:30 to give a live demo of the database system.

RESEARCH DEVELOPMENT AT UMF

R-15 Workgroup

Several faculty expressed interest in a forming an R-15 proposal development workgroup last spring. Eight faculty from CAS and CHS met three times over the summer to review the requirements for the R-15 mechanism requirements and begin drafting proposals and sharing them with the group. One faculty member from biology agreed to draft the first specific aims page to share with the group and is currently working on a draft narrative.

The biggest difference with the R-15 mechanism is its focus on developing research capacity at primarily undergraduate institutions. As part of the standard 12

page narrative for research grants at NIH, investigators are asked to provide a detailed mentorship plan to explain how undergraduate or graduate students will gain more enhanced and intensive research mentorship from the specific aims of the proposed study. The award allows for \$300,000 in direct costs over 3 years. The Academic Research Enhancement Award (R-15) is designed to strengthen the research environment at educational institutions that have not been major recipients of NIH support. Large research institutions are not eligible.

If you have project ideas that require some assistance to take them from ideation to the proposal making stage, consider forming a workgroup. Ken Sylvester is available to help facilitate workgroup process, assist with feedback on individual proposals or team proposals during the development phases. Don't forget that the Office of Research has two pre-award and post-award specialists (Erin Kingsley and Joanne DeVore) who can help you to develop budgets that based on fully-costed, effort-driven, accounting practice that meets federal uniform guidance. They are also very familiar with the nuances of budgeting and funding for foundation awards.

Statistics Workshop at UMF

Dr. Julie Ma (Ph.D. Michigan State University 2015), assistant professor of social work at UM-Flint, has agreed to offer a workshop on Statistical Analysis for Small Group Studies during the fall 2019 study break on **Tuesday October 15, 2019, from 11:00am-3:00pm** in the computer lab in 3153 WSW. Many faculty who conduct student learning research, or implementation or clinical science projects, have asked for more statistical support to think about the design and analysis of small group data. Offered on the second day of fall study break, the workshop will focus on understanding the kinds of data that are typically collected in small samples and how to derive more statistical power from them. Dr. Ma will discuss categorical, ordinal, and interval variables, and present design and analysis options using SPSS (the standard statistical package supported on the Flint campus).

Please [RSVP here](#) if interested in attending. The Office of Research will send out an email RVSP reminder, and will provide lunch for the workshop participants. The workshop content is aimed primarily at researchers who conduct small group studies in the health sciences

and nursing, but all interested UMF faculty are welcome to attend the free workshop. Depending on the level of interest, the room assignment may need to change.

IRB 101

Please join Adam J. Mrdjenovich, Ph.D., HSBS (Health Sciences and Behavioral Sciences)-IRB Education Coordinator, on **Friday, October 11, 2019 from 1 p.m.- 2 p.m.** for IRB 101. This presentation is a general overview of the IRB process at U-M (across all three campuses) with a chance to ask questions and discuss any specific projects or concerns. Please do not miss this opportunity to meet the HSBS-IRB Education Coordinator during his visit to the Flint campus. The one hour session will be held in 3202 WSW. The talk is open to students and faculty. Please [RSVP here](#).

Institutional Review Boards (IRBs)

As part of the HRPP, the primary goal of the Institutional Review Board (IRB) is to protect the rights and welfare of human research subjects recruited to participate in research activities conducted under the auspices of the University of Michigan.

- **IRBMED** - Institutional Review Boards of the University of Michigan Medical campus
- **IRB-HSBS** - Institutional Review Boards of the University of Michigan at Ann Arbor (main campus) and U-M Dearborn.
- **IRB Flint** - Institutional Review Board of the University of Michigan at the U-M Flint campus.



Please also welcome [Li Morrow](#), Research Compliance Specialist for HSBS IRB-Flint, who will be on-campus in Flint during the fall 2019 once a week. Her schedule can be found on the UMF Office of Research Human Subjects [landing page](#), via public-facing U-M [Google Calendar](#).