What is Research Development

Our mission is to **grow the volume and visibility** of UMD’s research enterprise.

- Develop a detailed understanding of the **funding landscape**.
- Cultivate deep and broad **connections to funders**.
- Provide proposal development support to enhance signature proposal success rates.
- Provide seed funding and other resources to cultivate innovative research programs.
• Eric Chapman,  
  Associate Vice President, Research Development  
• John Sawyer  
  Director, Strategic Research Initiatives  
• Hana Kabashi  
  Program Manager, Limited Submissions, Seed Grants, Resources  
• Cara Kennedy  
  Sr. Proposal Development Manager  
• Gaelle Kolb  
  Proposal Development Manager  
• Michelle Smith  
  Proposal Development Manager  
• Amanda Dykema  
  Proposal Development Manager  
• Chad Smith  
  Data Visualization and Multimedia Designer  
• Veronica McDougal Cotton  
  Office Coordinator
## Working with Faculty

### Build & Diversify Initiatives

- Identify major funding opportunities; **build teams** and **cultivate strategies** for success.
- Catalyze formation and **development of cross-campus research initiatives**
- Community of interest & workshop **development**
- **Identifying internal and external collaborators**
- Strategic planning for **enhancing the visibility**, communications & impact of signature research efforts

### Support Infrastructure

- Weekly **funding alerts** for distribution to campus.
- Four different **faculty incentive funding programs**.
- Administer **limited submissions** process to identify university nominees for limited solicitations.
- Provide **Proposal Development Managers** for signature proposals

### Outreach Engagement

- Facilitate visits to & from federal agencies and the private sector
- Arrange briefings and meetings for faculty with program officers and private sector officials
- Manage campus-wide strategic partnerships
- Proactively cultivate new funding opportunities
Cross-Campus Relationships

Deep Network Connections

- Open doors
- Build strong teams
- Establish creative partnerships at and beyond UMD

Catalyze Cross-Campus Research

- Communities of interest
- Funding strategies and external partners
- Visibility, communications & impact
- Business plans and paths to financial independence
We build and manage or coordinate partnerships with external organizations, especially those with potential for strategic impact across multiple colleges.

<table>
<thead>
<tr>
<th>Government</th>
<th>Corporate</th>
</tr>
</thead>
<tbody>
<tr>
<td>NASA</td>
<td>LOCKHEED MARTIN</td>
</tr>
<tr>
<td>NIST</td>
<td>IBM</td>
</tr>
<tr>
<td>ARL</td>
<td>amazon</td>
</tr>
<tr>
<td></td>
<td>NORTHROP GRUMMAN</td>
</tr>
<tr>
<td></td>
<td>Booz</td>
</tr>
</tbody>
</table>
Finding Funding Opportunities: SPINPlus Database

Take charge of how you hear about funding opportunities which align with your research priorities!

Harness the power of SPINPlus – the funding search database available to all UMD faculty, staff and students, free of charge, modern full-text search run against the company’s proprietary database.

Useful Links & Contacts
To Create an Account -
https://spin.infoedglobal.com/Authorize/Login
SPIN - https://spin.infoedglobal.com/Home/
SPIN Training Videos -
https://spin.infoedglobal.com/Home/TrainingVideos

Technical Questions? Lost Your Password?
UMD SPIN ADMINISTRATOR
Hana Kabashi
Program Manager, Research Development Office
hkabashi@umd.edu, (301) 405-4178

Keep an eye on your email for notifications on training webinars and hands-on SPINPlus training sessions. I am also available to help one-on-one – just send me an email to set it up!
Limited submission (LS) funding opportunities are those in which the number of applications the University of Maryland, College Park can submit is limited by the sponsor. RD office manages the institutional process, including staffing the Limited Submission Standing Review Committee.

The VPR is the institutional nominator with final authority to select a nominee.

The web-based InfoReady portal allows UMD faculty and staff to browse and apply for open competitions. All internal competitions are posted here with detailed information on deadlines and the application process and also include RFPs and solicitations (https://umd.infoready4.com/)
Limited Submission Initiated

- Receive information about current opportunities (2-4m out)
- Identify relevant opportunities and launch competition on UMD's Limited Submission Portal: umd.infoready4.com
- Send notification of launched competition to Associate Deans for Research and faculty
- Track competition due dates and send reminders when needed
- Notify applicants (after due date passes) if their submissions will:
  - Be awarded the nomination
  - Undergo the internal peer review process

If the number of internal applicants

- EXCEEDS the number of university submissions allowed by agency then an IPR is required to select nominees
- DOES NOT EXCEED the number allowed by the funding organization, then all applicants are nominated on a first come, first served basis until the deadline

Internal Peer Review Process (IPR)

- Create/refine review criteria based on the funding organization and RFP
- Prepare a list of potential reviewers based on content of proposals received
- Allow two weeks for review process
  - Compile scores and comments and ask additional clarifying questions
- Final decision made by Division of Research leadership
- Notify applicants and reviewers of decision (and provide concurrent notification to Dept. Chair, Associate Dean of Research, and Dean of selected nominees)

Office of Research Administration notified

Limited Submission Complete
Aspects of UMD’s unique and rigorous review process:

- Subject matter expertise from faculty and staff across disciplines
- Anonymous review process, often with multiple reviewers per application
- Reviewer bias scores
- Confidential feedback from reviewers to VPR
- Strive to eliminate conflicts of interest
Maryland Catalyst Funds Program

The Maryland Catalyst Fund (MCF) is UMD’s internal faculty research incentive program and a key resource in the university’s overall effort to expand its research volume, visibility and impact.

The different programs facilitate:

- new and innovative lines of research
- the pursuit of large, complex, and high-impact research initiatives
- increased competitiveness for UMD-led, high visibility research awards
## Maryland Catalyst Funds Program

<table>
<thead>
<tr>
<th>Tier</th>
<th>Program Name</th>
<th>In Support of</th>
<th>Available Funding</th>
<th>Cost Share</th>
<th>Submission Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Tier 1 | **New Directions Fund**           | New Lines of Research and/or Partnerships                                     | L1: ≤$50K  
L2: ≤$25K                     | 50%  
50%  
-         | Semi-Annual May 1+ Nov 1          |
|       |                                   | Limited External Grant Opportunity (LEGO) Fields                              |                                   |            |                                      |
| Tier 2 | **Fearless Ideation Workshops**   | ID Unique UMD Strengths within High-potential Multidisciplinary Topic Areas    | ≤$15K                             | 33.3%  
33.3%  
33.3%     | Quarterly Feb / May / Aug / Nov   |
|       |                                   |                                                                               |                                   |            |                                      |
| Tier 2 | **Big Opportunity Fund**          | Large-scale High-impact Opportunities (~$2M/yr)                               | ≤$50K                             | 33.3%  
33.3%  
33.3%     | 20th of each month               |
|       | (Proposal Support)                |                                                                               |                                   |            |                                      |
| Tier 4 | **Reinforcement Funds**           | Unfunded Requirements for Large Center Awards                                | Equivalent of ≤10% of IDC, 5yr+option | 50%  
25%  
25%         |                                      |
|       |                                   |                                                                               |                                   |            |                                      |
Maryland Catalyst Funds Program

**New Directions Fund**
- **Track A: Proof of Concept** awards support researchers pursuing a new line of research or collaborative partnership to help them be competitive for external funding.
- **Track B: Limited External Grant Opportunity (LEGO)** awards support particularly innovative and impactful research, writing, and/or creative work in fields where external funding is scarce.

**Fearless Ideation Workshops**, supporting brainstorming events in high potential multidisciplinary topics leveraging unique strengths within UMD.

**Big Opportunity Fund**, supporting proposal development for faculty actively pursuing a large, high-visibility, externally-funded research opportunity (typically ~$2M/year)

**Reinforcement Funds**, operating support to cover unfunded requirements critical to the success and future recompete of a proposed large-scale externally-funded research award.
In 2019, the Independent Scholarship, Research, and Creativity Awards (ISRCA) program was launched - a joint effort between the Provost and the VPR. The program was created to support faculty pursuing independent, scholarly, and/or creative projects.

The program supports proposals that:

- explore aesthetic, ethical, and/or cultural values and their roles in society;
- conduct critical or rhetorical analysis;
- engage in archival and/or field research; or
- develop or produce creative works.

Each year the Provost and VPR pool resources (about $100-125K per year in funding) to support awards for faculty to secure teaching release, summary salary and/or research expenses.
Proposal Development Program

- Enhance the quality and competitiveness of proposals while reducing faculty burden.
- Adopt industry best practices & professionalize the proposal development process at UMD
- Facilitate the scientific and administrative development of complex, visible, and signature research proposals from ideation to submission.
Types of Proposals Supported

- Large-scale, multi-disciplinary, center-level research projects;
- Opportunities from government, foundation, and corporate sponsors likely to create or enhance long-term, strategic research partnerships;
- Signature research opportunities that would be defining for the unit (University, College/School, Center, or Department);
- Applications that embody and further the University’s land grant mission;
- Proposals receiving support from Maryland Catalyst Fund Big Opportunity Funds;
- Proposals that prepare or position faculty or graduate students to achieve a key milestone in their research trajectory.
Strategy & Service

We tailor our full complement of services to achieve each team’s most competitive results.

- **Strategize**
  - Sponsor Profiling
  - Solicitation Analysis
  - Competitor Assessment
  - Strategic Teaming
  - Production Timeline

- **Develop**
  - Content Planning & Development
  - Document Development Management
  - Non-technical Writing

- **Review**
  - Editing for Impact
  - Pink & Red Team Reviews
  - Responsiveness & Compliance Review

- **Elevate**
  - High-Impact Graphics
  - Proposal Production
Graphics Support

For major proposals we can help:

● Communicate complex ideas
● Streamline and professionalize figures
Research Career Development Support

Early career faculty applications to 1st significant awards *(R01, NSF CAREER, Foundation Fellowships)*

Faculty across the career range, well-positioned with prior research but with training/support needs beyond what we can address with proposal-specific support

Future Developments

- Increase PD support for Associate level faculty and graduate students
- Increase the number and type of research career development offerings
  - NIH Seminar Series for junior faculty (Fall 2021)
  - NIH Fellowships Series for graduate students (Spring 2022)
  - Foundations Fellowship series for humanities and social sciences graduate students (TBD)
  - Cohort for newly tenured Associate professors (TBD)
Support for Graduate Students

☑️ Draft review
  ○ Guidance on framing, strategy, and pitch for competitive national fellowships
  ○ Review of written content for responsiveness, clarity, and competitiveness

💻 Workshops/Seminars
  ○ [Under development]: Foundations fellowships workshop
  ○ [Under development]: NIH F31/F32 seminar + writing group

PDM services are constrained to those external fellowship opportunities that provide the students with $10,000+ stipends, with or without tuition support.

❓ Questions about any of the PDM services? Email us at proposals@umd.edu
Funding opportunities:
- Sign up for our weekly funding alerts: http://go.umd.edu/fundingalert
- Check out the list of opportunities for Early Career Faculty
- Be sure to use SPINPlus

IRRoC: Integrated Research Resources on Campus
A wide variety of resources to help you develop novel ideas, compete for funding, conduct research, and disseminate your findings. (irroc.umd.edu)