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.
Research Development Office

- **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.

Select

Government

Corporate

NASA  NIST

LOCKHEED MARTIN

IBM  Amazon

NAWC  NIIA

Booz  Allen  Hamilton
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. Research Development manages the institutional process.

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/)
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
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

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.
- **Track C: Racial & Social Justice Research** awards support research on the underpinnings of, consequences of, and/or solutions to address systemic, institutional, and structural racism and injustice.

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.
# Maryland Catalyst Funds Program

<table>
<thead>
<tr>
<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>New Directions Fund</td>
<td>Track A: Proof of Concept</td>
<td>L1: ≤$50K</td>
<td>50%</td>
<td>Semi-Annual May 1+ Nov 1</td>
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<tr>
<td></td>
<td>Track B: Limited External Grant Opportunity (LEGO)</td>
<td>L2: ≤$25K</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Track C: Racial &amp; Social Justice Research</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Fearless Ideation Workshops</td>
<td>ID Unique UMD Strengths within High-potential Multidisciplinary Topic Areas</td>
<td>≤$15K</td>
<td>33.3%</td>
<td>20th of each month</td>
</tr>
<tr>
<td>Big Opportunity Fund (Proposal Support)</td>
<td>Large-scale High-impact Opportunities (~$2M/yr)</td>
<td>≤$50K</td>
<td>33.3%</td>
<td>20th of each month</td>
</tr>
<tr>
<td>Reinforcement Funds</td>
<td>Unfunded Requirements for Large Center Awards</td>
<td>Equivalent of ≤10% of IDC; 5yr+option</td>
<td>50% 25% 25%</td>
<td></td>
</tr>
</tbody>
</table>

*Postponed until Spring 2023*
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.

Upcoming Deadline: October 15, 2022
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, DOE Early 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 and Writing Group for early career faculty

  • Foundations Fellowship series for humanities and social sciences graduate students (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 available for external fellowship opportunities that provide the students with $10,000+ stipends, with or without tuition support.
Additional Resources for Faculty

☞ Funding opportunities:
  - Sign up for our weekly funding alerts:
    [http://go.umd.edu/fundingalert](http://go.umd.edu/fundingalert)
  - Check out the list of opportunities for [Early Career Faculty](http://go.umd.edu/fundingalert)
  - Be sure to use [SPINPlus](http://go.umd.edu/fundingalert)

❖ 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](http://irroc.umd.edu))
Questions?

Thank you!