

Please note: Many of the deadline dates are still tentative. Please review these opportunities on the foundations' websites to get the latest information relative to each opportunity.

Also note: Many of these awards and competitions are institutionally limited and thus need to follow MSU's policy/procedure for institutionally limited proposals.

DEADLINE	AWARD	LIMITED	AMOUNT	DESCRIPTION	NOMINATION/APPLICATION	GENERAL ELIGIBILITY REQUIREMENTS	REVIEW CRITERIA / SELECTION PROCESS	PREVIOUS YEAR RECIPIENTS
<b>Arnold and Mabel Beckman Foundation</b>								
08.04.20 (LOI)	<a href="#">Beckman Young Investigat</a>	N	\$600,000 (over 4 years)	The Beckman Young Investigator (BYI) Program provides research support to the most promising young faculty members in the early stages of their academic careers in the chemical and life sciences, particularly to foster the invention of methods, instruments and materials that will open up new avenues of research in science. The BYI program funds promising young scientists early in their careers who have not yet received a major award from another organization.	Institutions are not limited in the number of applicants who apply at the Letter of Intent stage.	<ul style="list-style-type: none"> <li>Projects should be truly innovative, high-risk, and show promise for contributing to significant advances in chemistry and the life sciences and should represent a departure from current research directions rather than an extension or expansion of existing programs.</li> <li>Proposed research that cuts across traditional boundaries of scientific disciplines is encouraged, and proposals that open up new avenues of research in chemistry and the life sciences by fostering the invention of methods, instruments and materials will be given additional consideration.</li> <li>The program is open to those within the first three years of a tenure-track position, or an equivalent independent research appointment, at a United States academic or non-profit institution that conducts research in chemical and life sciences. <b>Tenure-Track dates for the 2021 program must start after 8/6/2017 AND before 8/6/2020.</b></li> <li>Candidates must be citizens or permanent residents of the United States at the time of application.</li> <li>No individual may apply for a Beckman Young Investigator award more than two times.</li> <li>Investigators can have no more than \$225,000 in direct, annualized external funding grants during any BYI Program Year (Aug-July) at time of application. Start-up funds, department-wide instrumentation grants, and "Transition" grants (such as NIH K99/R00) are not counted toward this total.</li> <li>The Foundation does not support clinical research, clinical trials, or single target drug discovery projects. Individuals with strictly clinical appointments are not eligible to apply.</li> </ul>	<p>The foundation will request full proposals from the most compelling letters of intent. You will be notified if you are eligible to submit a full proposal.</p> <p>The foundation conducts in-person interviews to make a final selection decision for the BYI awards. You will be notified if you are invited to an interview.</p>	<p>Boston College California Institute of Technology Dartmouth College Harvard College Princeton University Stanford University University of California, Los Angeles University of North Carolina (2) University of Pennsylvania</p>
Jan 2021 (Proposal)	<a href="#">Investigat</a> <a href="#">or</a> <a href="#">Program</a>							
09.06.20 (Application) TENTATIVE	<a href="#">Arnold O. Beckman Postdoctoral Fellowship</a>	N	\$180,000 (over 2 years)	The Arnold O. Beckman Postdoctoral Fellowship in Chemical Sciences or Chemical Instrumentation Award Program E9. Research must be innovative in method, speed or process, or represent new instrument technology. This fellowship will be a catalyst from "mentored yet independent" postdocs to outstanding, independent researchers in academic or industry/governmental labs.	This program is an open call; institutions are not limited to the number of candidates which may apply.	<p><b>Criteria for applicants at time of application:</b></p> <ul style="list-style-type: none"> <li>At a U.S. college, university or institution which offers postdoctoral fellowships and holds a 501(c)(3), or similarly qualifying, IRS designation.</li> <li>U.S. citizen or permanent resident of the United States.</li> <li>Current graduate student anticipated to complete a PhD in the chemical sciences by May 1, 2021; or current postdoctoral researcher with a granted/conferred PhD in the chemical sciences with no more than 12 months cumulative postdoctoral research experience.</li> <li>Must pursue postdoctoral training in an area of chemical sciences that would likely not be eligible for funding by traditional chemical biology, biochemical or biological science mechanisms (e.g., NIH-K award).</li> <li>Must have identified a mentor in the chemical sciences at a qualified U.S. nonprofit college, university or institution with appropriate laboratory facilities to support their postdoctoral research proposal.</li> </ul> <p><b>Criteria for Sponsoring Mentor at time of application:</b></p> <ul style="list-style-type: none"> <li>PhD or MD/PhD.</li> <li>Full-time tenured or tenure track with at least a 25% appointment in chemistry, chemical physics, chemical engineering, or materials chemistry department at their institution.</li> <li>Active investigator in the Applicant's area of research.</li> <li>Mentors may only sponsor one applicant for consideration</li> </ul>	<p><b>Applicant:</b></p> <ul style="list-style-type: none"> <li>Quality of the applicant's previous research experience</li> <li>Academic record</li> <li>Caliber of the applicant's proposed research</li> <li>Applicant's professional ability and promise for a research career in chemistry and the life sciences broadly defined will hold the highest priority in selection</li> </ul> <p><b>Sponsoring Mentor(s):</b></p> <ul style="list-style-type: none"> <li>Quality of the mentor's career development plan</li> <li>Strong research qualifications</li> <li>Strong track record of mentoring individuals at similar stages appropriate for the needs of the candidate</li> </ul> <p><b>Research Plan</b></p> <ul style="list-style-type: none"> <li>Significance</li> <li>Appropriateness of training</li> <li>Innovation and creativity</li> <li>Relevance to the directives and purpose of the Arnold O. Beckman Postdoctoral Fellows Award</li> </ul>	<p>California Institute of Technology Harvard University (3) Massachusetts Institute of Technology (3) Northwestern University Princeton University Stanford University University of California, Berkeley University of California, San Francisco University of California, Santa Barbara University of Minnesota University of Washington</p>
<b>Burroughs Wellcome Fund</b>								

<p>09.04.20 (Preproposal) TENTATIVE</p> <p>01.08.21 (Proposal) TENTATIVE</p>	<p><a href="#">Career Awards at the Scientific Interface</a></p>	<p>N</p>	<p>\$500,000 (over 5 years)</p>	<p>These grants are intended to foster the early career development of researchers who have transitioned or are transitioning from undergraduate and/or graduate work in the physical/mathematical/computational sciences or engineering into postdoctoral work in the biological sciences, and who are dedicated to pursuing a career in academic research.</p>	<p>Open, not institutionally limited.</p>	<ul style="list-style-type: none"> <li>• Candidates are expected to draw from their training in a scientific field other than biology to propose innovative approaches to answer important questions in the biological sciences.</li> <li>• Candidates must hold a Ph.D. degree in one of the fields of mathematics, physics, chemistry, computer science, statistics, or engineering. This includes related areas of physical, mathematical, computational, theoretical, and engineering science.</li> <li>• Candidates whose Ph.D. is in biochemistry/biophysics/biology/cell biology/etc. may be eligible if significant accomplishment or competence in one of the areas of mathematics, physics, chemistry, computer science statistics, or engineering can be shown.</li> <li>• Candidates who hold an M.D. are eligible to apply if they hold both an M.D. and a Ph.D., and the Ph.D. is in one of the fields of mathematics, physics, chemistry, computer science, statistics, or engineering. This includes related areas of physical and computational science.</li> <li>• Candidates must have completed at least 12 months but not more than 60 months of postdoctoral research by the date of the full invited application deadline.</li> <li>• Candidates cannot hold nor have accepted, either in writing or verbally, a faculty appointment as a tenure track assistant professor at the time of application—both pre-proposal and full application. This award cannot be made to a tenure-track faculty member because it is a transition award.</li> <li>• Candidates must be committed to a full-time career in research as an independent investigator at a North American degree-granting institution.</li> <li>• Candidates must have at least one first-author publication, including papers on which "first authorship" is shared.</li> </ul>	<ul style="list-style-type: none"> <li>• Depth and rigor of training in a scientific discipline other than biology.</li> <li>• Importance of biological questions identified in the proposal, and innovation in the approaches chosen to answer them. Candidates should present clear evidence of already beginning to tackle a biological problem.</li> <li>• Interdisciplinary nature of the research plan, the degree to which non-biological methods are integrated, and the degree to which the proposed work will open new fields of inquiry.</li> <li>• Potential of candidate to establish a successful independent research career, evidenced by productivity during the postdoctoral period prior to application.</li> <li>• Quality of proposed collaborations.</li> </ul>	<p>Harvard Medical School Massachusetts Institute of Technology (2) Rice University Stanford University (5) University of California, San Diego University of Rochester</p>
<p>10.01.20 TENTATIVE</p>	<p><a href="#">Career Awards for Medical Scientists</a></p>	<p>N</p>	<p>\$700,000 (over 5 years)</p>	<p>This program provides support for physician-scientists, who are committed to an academic career, to bridge advanced postdoctoral/ fellowship training and the early years of faculty service. Proposals must be in the area of basic biomedical, disease-oriented, or translational research. Proposals in health services research or involving large-scale clinical trials are not eligible.</p>	<p>Open, not institutionally limited.</p>	<ul style="list-style-type: none"> <li>• Competitive candidates must have at least two years or more of postdoctoral research experience, be two years away from becoming an independent researcher, be a first author on at least one publication in a high impact, top-tier journal, and have a significant publication record.</li> <li>• Candidates must hold an M.D., D.D.S., D.V.M., or D.O. degree.</li> <li>• Candidates must not be more than 11 years past their most recent earned clinical doctorate degree.</li> <li>• Candidates must be a fellow, resident, or a postdoctoral researcher and have at least two years of postdoctoral research experience at the time of application.</li> <li>• The primary mentor or faculty sponsor of a postdoctoral candidate must hold an appointment at the same accredited, degree-granting institution.</li> <li>• Proposals must be in the area of basic biomedical, disease-oriented, or translational research. Proposals in health services research or involving large-scale clinical trials</li> <li>• Competitive candidates must have at least two years or more of postdoctoral research experience, be two years away from becoming an independent researcher, be a first author on at least one publication in a high impact, top-tier journal, and have a significant publication record.</li> <li>• Candidates must hold an M.D., D.D.S., D.V.M., or D.O. degree.</li> <li>• Candidates must not be more than 13 years past their clinical doctorate degree.</li> <li>• Candidates may hold a junior faculty appointment (Lecturer, Instructor, Assistant Professor-non-tenure track, etc.). However, candidates with tenure track appointments are not eligible.</li> <li>• Candidates that have non-tenure track faculty appointments with institutional start-up funds or hold an NIH R01 are not eligible.</li> <li>• The primary mentor or faculty sponsor of a candidate must hold an appointment at the same accredited, degree-granting institution in the U.S. or Canada as the applicant.</li> <li>• Proposals must be in the area of basic biomedical, disease-oriented, or translational research. Proposals in health services research or involving large-scale clinical trials will not be considered.</li> <li>• Candidates must be committed to a full-time career in research as an independent investigator at a North American degree-granting institution.</li> <li>• Award recipients are required to devote at least 75% of their time to research-related activities.</li> <li>• BWF strongly encourages applications from women and underrepresented minorities</li> </ul>	<p>The CAMS Advisory Committee will review full proposals, interview finalists, and make recommendations for approval to BWF's Board of Directors.</p>	<p>Harvard Medical School Memorial Sloan-Kettering Cancer Ctr (3) Stanford University University of California, San Francisco (#) University of Pennsylvania University of Pittsburgh University of Texas Southwestern Med Ctr Washington University (2)</p>

07.15.20 (Preproposal) TENTATIVE	<a href="#">Investigations in the Pathogenesis of Infectious Disease</a>	N	500,000 (over 5 years)	This program provides opportunities for assistant professors to bring multidisciplinary approaches to the study of human infectious diseases. The goal is to provide opportunities for accomplished investigators still early in their careers to study what happens at the points where the systems of humans and potentially infectious agents connect. The program supports research that sheds light on the fundamentals that affect the outcomes of these encounters: how colonization, infection, commensalism, and other relationships play out at levels ranging from molecular interactions to systemic ones.	Open, not institutionally limited.	<ul style="list-style-type: none"> <li>The ideal candidate is an accomplished investigator at the mid-to late-assistant professor level with an established record of independent research in a tenure-track position or its well-supported equivalent in non tenure-offering departments.</li> <li>Candidates must have an established record of independent research.</li> <li>Candidates who will be promoted to Associate Professor by November 15, 2019 are not eligible to apply.</li> <li>BWF strongly encourages applications from women and underrepresented minorities.</li> <li>BWF encourages submissions from those working in protozoan and metazoan parasites, protists, and fungi. Viral, bacterial, immune, and multi-species work is likewise encouraged. Work related to malaria, tuberculosis, and AIDs is appropriate for this program.</li> <li>BWF particularly encourages human health-relevant applications from veterinary scientists.</li> </ul>	The PATH Advisory Committee will review pre-proposals and full proposals, interview finalists, and make recommendations to BWF's Board of Directors for funding.	Columbia University Harvard Medical School (2) Loyola University Michigan State University Stanford University University of California, Berkeley University of Cincinnati University of Michigan University of Texas Southwestern Med Ctr Washington State University
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12.04.20 TENTATIVE	<a href="#">Preterm Birth Initiative</a>	N	\$500,000 (over 4 years)	This program was created to increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth. It is designed to stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative basic and translation science methods.	Open, not institutionally limited.  <b>NOTE: This program is offered every two years.</b>	<ul style="list-style-type: none"> <li>The principal investigator must be a postdoctoral fellow in the final 1-2 years of postdoctoral training or hold a faculty appointment (assistant/associate/ professor-level status).</li> <li>Proposals should address the biomedical causes and molecular mechanisms underlying (preterm) parturition including but not limited to peri-implantational events, placentation, fetal determinants, fetal-maternal immune responses, biological basis for racial-ethnic disparities, mechanisms relating preterm birth to other adverse pregnancy outcomes, biology of normal labor, genomics, evolutionary influences and other approaches. Proposals seeking to identify biomarkers predicting preterm birth are welcome.</li> <li>Postdoctoral fellows nearing transition to independent investigator status are strongly encouraged to contact the Senior Program Officer directly about their planned proposal, competitiveness for the award, transferring to a new institution, and other issues.</li> </ul>	BWF utilizes an interdisciplinary Advisory Committee to review applications, interview finalists, and make recommendations for approval by the Fund's Board of Directors.  Selection will be based on the creativity, novelty, and innovation of the proposal as well as the likelihood of a significant impact in the area of parturition and the prevention of spontaneous prematurity.	Stanford University University of California, San Francisco (2) University of Texas Southwest Med Ctr (2) University of Wisconsin
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**Camille & Henry Dreyfus Foundation**

02.06.20	<a href="#">Camille Dreyfus Teacher-Scholar Awards Program</a>	Y	\$100,000 (over 5 years)	The program supports the research and teaching careers of talented young faculty members in the chemical sciences. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers.	Institutions may make only one nomination annually.  Nominations must provide compelling evidence of the advance of important knowledge in the chemical sciences by the nominee. Further, the nomination should describe dedication and contributions to education in the chemical sciences, particularly with respect to undergraduates.	<ul style="list-style-type: none"> <li>The program is open to academic institutions in the States, Districts, and Territories of the United States of America that grant a bachelor's or higher degree in the chemical sciences, including biochemistry, materials chemistry, and chemical engineering.</li> <li>Nominees must hold a full-time tenure-track academic appointment and are normally expected to have been appointed no earlier than mid-year 2014.</li> <li>Awardees are from Ph.D. granting departments in which scholarly research is a principal activity.</li> <li>Undergraduate education is an important component.</li> </ul>	Criteria for selection include an independent body of scholarship attained in the early years of a nominee's appointment and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching. The nominee's scholarly research achievements are assessed by a panel of distinguished faculty in the chemical sciences. The letters of recommendation should address the nominee's research accomplishments as an independent faculty member. Other considered factors are: awards and honors, publication of research achievements in leading journals, and success in attracting research funding.	Colorado State University Iowa State University New York University Princeton University Purdue University Scripps Research Institute University of California, Irvine University of Chicago University of Minnesota University of Pennsylvania University of South Carolina Washington University Yale University
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04.02.20	<a href="#">Dreyfus Program for Machine Learning in the Chemical Sciences and Engineering</a>	Y	The amount of support requested is determined by the applicant	The Dreyfus Program for Machine Learning in the Chemical Sciences and Engineering provides funding for innovative projects in any area of Machine Learning (ML) consistent with the Foundation's broad objective to advance the chemical sciences and engineering. The Foundation anticipates that these projects will contribute new fundamental chemical understanding, insight, and innovation in the field.	Applicants are limited to one proposal annually.	This program is open to academic institutions in the States, Districts, and Territories of the United States of America that grant a bachelor's or higher degree in the chemical sciences, including biochemistry, materials chemistry, and chemical engineering. The Foundation encourages proposals to significantly stimulate and accelerate the development of the use of ML and other related aspects of data science to the Chemical Sciences and Engineering.	Not available.	2020 is the first year this award will be offered; so there have not been any previous grantees.
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**Concern Foundation**

09.12.21 (LOI) TENTATIVE	<a href="#">Conquer Cancer Now Award</a>	N	\$120,000 (over 2 years)	The Conquer Cancer Now Award is given to young and innovative cancer researchers focused on cancer genetics, cancer biology and cancer immunology. By specifically targeting promising early-career scientists and providing critically needed "seed" money for innovative projects, Concern Foundation supports development of the next generation of cancer researchers and thus promotes progress in understanding cancer biology and improved approaches to cancer.	Open, not institutionally limited.  <b>NOTE: This program is offered every two years.</b>	<ul style="list-style-type: none"> <li>Proposals must be hypothesis-driven and centered on cancer genetics, cancer biology, or cancer immunology. Concern will not fund clinical trials, cancer epidemiology, or behavioral studies.</li> <li>Grants are awarded to independent investigators who are at the start of their scientific career (i.e., junior faculty) and are at the level of Assistant Professor (or equivalent with explanation).</li> <li>Priority is given to proposals from independent investigators who have yet to obtain significant funding for their work. Applicant who is PI on an existing R01 or equivalent is not eligible.</li> <li>Concern Foundation accepts grant applications from institutions in the United States and abroad. U.S. citizenship is not a requirement.</li> </ul>	Award recipients are selected based on peer review by Concern Foundation's Scientific Review Committee and is based on the following criteria: <ul style="list-style-type: none"> <li>Focus on the foundation's mission to fund the best research in the areas of cancer genetics, cancer biology, and cancer immunology.</li> <li>Significance and originality of the proposal.</li> <li>Strong hypothesis-driven scientific approach.</li> <li>Feasibility of the aims of the proposal.</li> <li>Qualifications of the investigator and his/her team.</li> <li>Institutional commitment, scientific research environment, and availability of resources to support the proposed project.</li> </ul>	Beckman Research Institute at the City of Hope Ben-Gurion University of the Negev Biomedical Sciences Institute (Singapore) Cornell University Dana-Farber Cancer Institute Hospital for Sick Children (Toronto) Thomas Jefferson University Medical University of South Carolina Memorial Sloan-Kettering Cancer Center University of California, Irvine University of Pennsylvania (2) University of North Carolina University of Washington Washington State University
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### Damon Runyon Cancer Research Foundation

MARCH ROUND	<a href="#">Damon Runyon Fellowship Award</a>	N	\$231,000 (over 4 years)	This award supports the training of the brightest postdoctoral scientists as they embark upon their research careers, enabling them to be mentored by established investigators in leading research laboratories across the country. The Foundation encourages all theoretical and experimental research relevant to the study of cancer and the search for cancer causes, mechanisms, therapies and prevention.  Candidates must apply for the fellowship under the guidance of a Sponsor—a scientist (tenured, tenure-track or equivalent position) capable of providing mentorship to the Fellow.	Only one fellowship application will be accepted from a Sponsor, co-Sponsor or Fellow per review session; there is no limit, however, to the number of applications from an institution.	<ul style="list-style-type: none"> <li>Applicants must have completed one or more of the following degrees or its equivalent: MD, PhD, MD/PhD, DDS, DVM.</li> <li>Level 1: Basic and physician-scientists must have received their degrees no more than 18 months prior to the application deadline date. Applicants must not have been in their Sponsors' labs for more than one year prior to the application deadline date* and are expected to devote 100% of their time and effort to Damon Runyon-supported research activities.</li> <li>Level 2: Physician-scientist applicants (MD, MD/PhD, DDS, DVM or the equivalent) must have completed their residencies and clinical training, must be board eligible in the United States at the start date of the Damon Runyon Fellowship, and be able to devote at least 80% of their time and effort to Damon Runyon-supported research activities.</li> <li>The proposed research must be conducted at a university, hospital or research institution.</li> <li>No more than two Damon Runyon Fellows will be funded to work with the same Sponsor at any given time.</li> <li>Postdoctoral training in the same institution in which the applicant received his/her degree is discouraged, particularly if it is in the same department. (If either situation applies, the applicant must address the reason(s) in his/her application.) Proposals to continue training in the laboratory where the applicant received his/her PhD will not be considered. Proposals that are direct extensions of graduate work will not be funded.</li> </ul>	The Fellowship Award Committee will review applications and select awardees for approval by the Damon Runyon Cancer Research Foundation's Board of Directors. The primary criteria used to evaluate applicants are: <ul style="list-style-type: none"> <li>The quality of the research proposal (importance of the problem, originality of approach, appropriateness of techniques and clarity of presentation).</li> <li>The qualifications, experience and productivity of both the candidate and the Sponsor.</li> <li>The quality of the research training environment in which the proposed research is to be conducted and its potential for broadening and strengthening the candidate's ability to independently conduct innovative and substantive research. The proposed research and training environment should represent a new opportunity for the candidate to expand his/her scientific skill set. Direct extensions of the candidate's graduate work (in approach, technique or exact area of study) will not be funded.</li> </ul>	Boston Children's Hospital (2) Brigham and Women's Hospital Dana-Farber Cancer Institute Fred Hutchinson Cancer Research Center Harvard University (2) Memorial Sloan Kettering New York University Princeton University Rockefeller University Salk Institute Stanford University University of California, San Diego University of Utah
03.16.20 (Application)								
AUGUST ROUND								
08.15.20 (Application) TENTATIVE								

<p>03.16.20 (Application)</p> <p><a href="#">Damon Runyon-Sohn Pediatric Cancer Fellowship Award</a></p>	<p>N</p>	<p><b>\$231,000 (over 4 years)</b></p>	<p>This award provides funding to basic scientists and clinicians who conduct research with the potential to significantly impact the prevention, diagnosis or treatment of one or more pediatric cancers.</p> <p>Candidates must apply for the fellowship under the guidance of a Sponsor—a scientist (tenured, tenure-track or equivalent position) capable of providing mentorship to the Fellow.</p>	<p>Only one fellowship application will be accepted from a Sponsor or Fellow per review session; there is no limit, however, to the number of applications from an institution.</p>	<ul style="list-style-type: none"> <li>• Applicants must have completed one or more of the following degrees or its equivalent: MD, PhD, MD/PhD, DDS, DVM.</li> <li>• Level 1: Basic and physician-scientists must have received their degrees no more than 18 months prior to the application deadline date. Applicants must not have been in their Sponsors' labs for more than 18 months prior to the application deadline date and are expected to devote 100% of their time and effort to Damon Runyon-supported research activities.</li> <li>• Level 2: Physician-scientist applicants (MD, MD/PhD, DDS, DVM or the equivalent) must have completed their residencies and clinical training, must be board eligible in the United States at the start date of the Damon Runyon-Sohn Fellowship, and be able to devote at least 80% of their time and effort to Damon Runyon-Sohn supported research activities.</li> <li>• The proposed research must be conducted at a university, hospital or research institution.</li> <li>• No more than two Damon Runyon and/or Damon Runyon-Sohn Fellows will be funded to work with the same Sponsor at any given time.</li> <li>• Postdoctoral training in the same institution in which the applicant received his/her degree is discouraged, particularly if it is in the same department. (If either situation applies, the applicant must address the reason(s) in his/her application.) Proposals to continue training in the laboratory where the applicant received his/her PhD will not be considered. Proposals that are direct extensions of graduate work will not be funded.</li> </ul>	<p>The Fellowship Award Committee will review applications and select awardees for approval by the Damon Runyon Cancer Research Foundation's Board of Directors. The primary criteria used to evaluate applicants are:</p> <ul style="list-style-type: none"> <li>• The quality of the research proposal (importance of the problem, originality of approach, appropriateness of techniques and clarity of presentation)</li> <li>• The qualifications, experience and productivity of both the candidate and the Sponsor</li> <li>• The quality of the research training environment in which the proposed research is to be conducted and its potential for broadening and strengthening the candidate's ability to independently conduct innovative and substantive research. The proposed research and training environment should represent a new opportunity for the candidate to expand his/her scientific skill set. Direct extensions of the candidate's graduate work (in approach, technique or exact area of study) will not be funded.</li> </ul>	<p>Columbia University St. Jude Children's Research Hospital Stanford University University of California, San Francisco</p>
<p>02.03.20 (Application)</p> <p><a href="#">Damon Runyon Clinical Investigator Award</a></p>	<p>Y</p>	<p><b>\$600,000 (over 3 years)</b></p>	<p>This award supports independent young physician-scientists conducting disease-oriented research that demonstrates a high level of innovation and creativity. The goal is to support the best young physician-scientists doing work aimed at improving the practice of cancer medicine. The Clinical Investigator Award program is specifically intended to provide outstanding young physicians with the resources and training structure essential to becoming successful clinical investigators. The goal is to increase the number of physicians capable of moving seamlessly between the laboratory and the patient's bedside in search of breakthrough treatments.</p>	<p>Applications will only be accepted from institutions that have been invited to submit them by the Foundation. Five nominations per institution, including its affiliated schools, will be accepted.</p> <p>MSU College of Human Medicine is on the invitation list.</p>	<ul style="list-style-type: none"> <li>• The applicant must be a U.S. citizen or permanent legal resident.</li> <li>• The applicant must hold an independent assistant professor position or equivalent.</li> <li>• Each applicant must be nominated by their institution.</li> <li>• The applicant must have received an MD or MD/PhD degree(s) from an accredited institution, completed their subspecialty training and be U.S. Board eligible.</li> <li>• The applicant must hold a valid, active U.S. medical license at the time of application.</li> <li>• The applicant must apply within the first five (5) years of their initial full faculty appointment (Cut-off date: July 1, 2015). Adjunct or acting positions are not eligible.</li> <li>• Candidates holding or awarded R01s at the time of application are not eligible to apply.</li> <li>• The applicant must commit to spending 80% of their time conducting research.</li> <li>• The applicant is required to apply in conjunction with a Mentor who is established in the field of clinical translational cancer research, cancer prevention and/or epidemiology and can provide the critical guidance needed during the period of the award. No more than two Damon Runyon Clinical Investigators will be funded to work with the same Mentor at any given time.</li> <li>• Candidates may apply up to three times during this eligibility period.</li> <li>• Only one application will be accepted from a Mentor per review session (including Co-Mentorships).</li> </ul>	<p>The Clinical Investigator Award Committee (CIAC) will review applications and select awardees for approval by the Damon Runyon Cancer Research Foundation's Board of Directors. CIAC puts a premium on innovation and creativity when reviewing applications. Selection Criteria</p> <ul style="list-style-type: none"> <li>• Excellence of the applicant and Mentor.</li> <li>• Innovation, creativity, quality and originality of the research proposal.</li> <li>• The commitment of the Mentor and institution to the development and training of the applicant as a skilled clinical research investigator.</li> <li>• Evidence of the applicant's commitment to clinical translational and/or cancer prevention research and their ability to apply advances in laboratory research to clinical problems.</li> <li>• Importance of the proposed research to the field of cancer and/or cancer prevention.</li> <li>• Adherence of the proposal to the definition of clinical research as set out on the foundation's web page.</li> <li>• Adherence to the "Handshake Rule."</li> </ul>	<p>Children's Hospital of Philadelphia Dana-Farber Cancer Institute Memorial Sloan-Kettering Cancer Center Stanford University University of Texas Southwestern</p>

<p>07.01.20 (Application)</p> <p><a href="#">Damon Runyon-Rachleff Innovation Award</a></p>	<p>N</p>	<p><b>\$400,000 (over 2 years)</b></p> <p>This award is designed to provide support for the next generation of exceptionally creative thinkers with "high-risk/high-reward" ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer.</p> <p><b>With the opportunity for an additional \$400K over years for a total of \$800K</b></p> <p>The Innovation Award is specifically designed to provide funding to extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. It is not designed to fund incremental advances. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field.</p>	<p>Institutional nominations are not required and there is no limit to the number of applications that can be received from a particular institution.</p>	<ul style="list-style-type: none"> <li>• Applicants (including non-U.S. citizens) must be conducting independent research at a U.S. research institution.</li> <li>• The applicant must have received an MD, PhD or MD/PhD degree(s) from an accredited institution.</li> <li>• Basic and translational/clinical projects will be considered.</li> <li>• Applications will be accepted from all scientific disciplines provided that the proposed research meets the selection criteria.</li> <li>• Applicants with a background in multiple disciplines are especially encouraged to apply.</li> <li>• Joint submission from two collaborators working in different disciplines will be considered. (The collaborators will share the award.) Each collaborator must meet the eligibility criteria.</li> <li>• Applicants are expected to commit a minimum of 80% of their time to conducting research.</li> <li>• Applicants may apply no more than two times.</li> <li>• Applicants must demonstrate that they have access to the resources and infrastructure necessary to conduct the proposed research.</li> <li>• The department must guarantee the Investigator is conducting the proposed research independently.</li> </ul> <p>Applicants must belong to one of the following categories:</p> <ul style="list-style-type: none"> <li>• <b>Tenure-track Assistant Professors</b> within the first five (5) years of obtaining their initial Assistant Professor position</li> <li>• <b>Clinical Instructors and Senior Clinical Fellows</b> (in the final year of their specialty training) holding an MD/DO who are pursuing a period of independent research before taking a tenure-track faculty position. Such individuals must have an exceptional record of research accomplishment, dedicated laboratory space and the support of their institution.</li> <li>• <b>Distinguished Fellows</b> with an exceptional record of research accomplishment identified by their institution to pursue an independent research program and who have dedicated laboratory space. These candidates are markedly distinct from traditional postdoctoral fellows.</li> </ul>	<p>Applications will be evaluated based on the following:</p> <ul style="list-style-type: none"> <li>• The applicant's capacity to conduct bold, exceptionally creative research.</li> <li>• The novelty and creativity of the proposed research. Incremental research will not be funded.</li> <li>• The potential of the proposed research to lead to advances that will significantly impact the prevention, diagnosis, treatment or basic understanding of cancer.</li> <li>• The applicant's lack of resources to pursue the proposed research.</li> </ul>	<p>Cold Spring Harbor Laboratory Dana-Farber Cancer Institute Massachusetts General Hospital (2) University of Texas Southwestern Med Ctr</p>
<p>12.02.20 (Application) TENTATIVE</p> <p><a href="#">Damon Runyon-Physician-Scientist Training Award</a></p>	<p>N</p>	<p><b>\$460,000 (over 4 years)</b></p> <p>This award supports and encourages outstanding physicians to pursue cancer research careers by providing them with the opportunity for a protected research training experience under the mentorship of a highly qualified and gifted mentor.</p>	<p>Only one Physician-Scientist Training Award application will be accepted from a Mentor per review session; there is no limit, however, to the number of applications from an institution.</p>	<ul style="list-style-type: none"> <li>• Physician-scientist applicants (MDs only) must have completed their residencies and clinical training, be U.S. Specialty Board eligible prior to the award start date, and be able to devote at least 80% of their time and effort to Damon Runyon-supported research. MD/PhDs are not eligible to apply.</li> <li>• The candidate may not have had more than three years of postdoctoral laboratory research experience.</li> <li>• Applicants may apply at any time prior to their initial assistant professorship appointment (or equivalent). Postdoctoral fellows, clinical fellows, and clinical instructors are eligible to apply. If the awardee transitions to a fully independent assistant professorship appointment (or equivalent) during the award term, they must terminate the award.</li> <li>• Candidates holding or awarded NIH K awards at the time of application are not eligible to apply. (Candidates holding institutional K12 awards may apply, but must return their K12 funding to the U.S. Government/NIH if they are awarded a Damon Runyon Physician-Scientist Training Award.)</li> <li>• Candidates must apply with a Mentor. The Mentor's role is to foster the development of the applicant's knowledge, technical and analytical skills, and capacity for scientific inquiry in the field of basic or translational research chosen by the candidate and in which the Mentor is an outstanding figure. The Mentor will also serve as an advocate for the applicant at departmental, institutional, and other relevant professional levels.</li> <li>• No more than two awardees will be funded to work with the same Mentor at any given time.</li> <li>• Eligible candidates may apply up to two times.</li> </ul>	<p>The Physician-Scientist Training Award Committee will review applications and select awardees for approval by the Damon Runyon Cancer Research Foundation's Board of Directors.</p>	<p>Brigham and Women's Hospital Dana-Farber Cancer Institute Memorial Sloan Kettering Cancer Center New York University School of Medicine University of California, San Francisco Weill Cornell Medicine</p>

11.19.20 (Preproposal) TENTATIVE	Clinical Scientist Development Award	N	\$495,000 (over 3 years)	The program supports physician scientists at the Assistant Professor rank to: 1) conduct an outstanding clinical research project, 2) enable research time protection to ease the tension between research and clinical responsibilities, and 3) facilitate development of strong mentorship relations. Ultimately, the CSDA program aims to enable physician scientists' achievement of independent and successful research careers. The foundation does not have funding priorities based on disease area or research type.	Open, not institutionally limited.	<ul style="list-style-type: none"> <li>• Have received an MD, DO or foreign equivalent degree from an accredited institution.</li> <li>• Have a valid, active U.S. medical license at the time of application, though do not have to be U.S. citizens.</li> <li>• Work at a U.S. academic institution that grants doctoral degrees and is able to receive an award as an organization with 501(c)(3) Internal Revenue Service status.</li> <li>• Have a full-time faculty appointment as assistant professor at a U.S. academic institution that grants doctoral degrees. Adjunct, affiliated, temporary, part-time or acting faculty positions are not eligible for this competition.</li> <li>• Be guaranteed a minimum overall research time protection of 75 percent of full-time professional effort by the institution where the applicant has an appointment, in the event an award is made. There is no explicit minimum percent effort that must be dedicated to the CSDA project.</li> <li>• A mentor must be designated, or mentorship team assembled, and the role of the mentor(s) must be described. Mentors are expected to play an active role during the course of the award.</li> <li>• In keeping with the wishes expressed in Doris Duke's will, experiments that use animals or primary tissues derived from animals will not be supported by this program.</li> </ul>	Pre-proposal applications are reviewed by active researchers with deep understanding of the challenges of the physician-scientist career path. Reviewers consider the following criteria when evaluating each pre-proposal application: <ul style="list-style-type: none"> <li>• Investigator</li> <li>• Mentoring Environment</li> <li>• Significance</li> <li>• Originality</li> <li>• Study Design</li> </ul>	<p>Boston University Brigham and Women's Hospital Dana-Farber Cancer Institute (2) Emory University School of Medicine Massachusetts General Hospital University of California, Los Angeles University of California, San Diego University of Michigan University of Pennsylvania Washington University (3) Weill Cornell Medicine Yale School of Medicine (2)</p>
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### William T. Grant Foundation

06.12.20 (Mentor Ltr) TENTATIVE	<a href="#">Scholars Program</a>	Y	\$350,000 (over 5 years)	The Scholars Program supports career development for promising early-career researchers. The program funds five-year research and mentoring plans that significantly expand researchers' expertise in new disciplines, methods, and content areas. Applicants should have a track record of conducting high-quality research and an interest in pursuing a significant shift in their trajectories as researchers. We recognize that early-career researchers are rarely given incentives or support to take measured risks in their work, so this award includes a mentoring component, as well as a supportive academic community. Researchers interested in applying for a Scholars Award must select one focus area: Reducing Inequality or Improving the Use of Research Evidence.	Applicants must be nominated by their institutions. Major divisions (e.g., College of Arts and Sciences, Medical School) of an institution may nominate only one applicant each year.	<ul style="list-style-type: none"> <li>• Applicants must have received their terminal degree within seven years of submitting their application. We calculate this by adding seven years to the date the doctoral degree was conferred. In medicine, the seven-year maximum is dated from the completion of the first residency.</li> <li>• Applicants must be employed in career-ladder positions; for many applicants, this means holding a tenure-track position in a university. The award may not be used as a post-doctoral fellowship.</li> <li>• Applicants outside the United States are eligible.</li> <li>• Applicants of any discipline are eligible.</li> </ul>	Selection is based on applicants' potential to become influential researchers, as well as their plans to expand their expertise in new and significant ways. The application should make a cohesive argument for how the applicant will expand his or her expertise. The research plan should evolve in conjunction with the development of new expertise, and the mentoring plan should describe how the proposed mentors will support applicants in acquiring that expertise.	<p>Cornell University Duke University University of Southern California Vanderbilt University</p>
07.02.20 (Application) TENTATIVE								

### Esther A. & Joseph Klingenstein Fund / Simons Foundation

02.15.20 (Application)	<a href="#">Klingenstein-Simons Fellowship Awards in the Neurosciences</a>	N	\$225,000 (over 3 years)	The awards are among the nation's oldest and most illustrious fellowships for young investigators in neuroscience research. Aimed at advancing cutting-edge investigations, the awards are presented to highly promising, early career scientists. At this critical juncture in young investigators' careers, when funding can be a challenge, the fellowship awards promote higher-risk, and potentially higher-reward, projects.	Open, not institutionally limited.	<ul style="list-style-type: none"> <li>To qualify for an award, investigators must hold the Ph.D. and/or M.D. degrees, and have completed all research training, including post-doctoral training.</li> <li>Candidates must have a tenure track appointment or equivalent. A letter indicating the commitment of institutional resources to establish the investigator and the prospects for long term support by the institution must be provided by an institutional official, including date of appointment.</li> <li>The candidate must be an independent investigator at a university, medical center or research institute and be within 4 years of completing postdoctoral training and the start of his/her tenure track or equivalent appointment.</li> <li>U.S. citizenship is not a requirement, but it is expected that candidates will be permanent residents of the U.S. and that their research will be carried out in U.S. institutions.</li> <li>Applicants must inform the Fund of other sources of funding. Although there is no strict prohibition against holding more than one fellowship at one time, the Fund may take other funding into account when deciding whether to make an Award.</li> </ul>	Applications will be reviewed, and selections made by an Advisory Committee of distinguished neuroscientists.	Baylor College of Medicine Boston University Columbia University Emory University Harvard University Johns Hopkins University (2) Massachusetts General/Harvard Medical University of California, San Francisco University of North Carolina University of Pennsylvania University of Pittsburgh Van Andel Institute
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Several areas within the neurosciences are of particular interest:

- Cellular and molecular neuroscience—Studies of the mechanisms of neuronal excitability and development, and of the genetic basis of behavior.
- Neural systems—Studies of the integrative function of the nervous system.
- Translational research—Studies designed to improve the prevention, diagnosis, treatment and our understanding of the causes of neurological and psychiatric disorders.

### The Lalor Foundation

01.15.20 (Application)	<a href="#">Lalor Fellowship in Reproductive Health</a>	Y	\$50,000 (over 1 year)	The Lalor Foundation postdoctoral fellowship program supports promising new researchers in establishing scientific and teaching careers. The mission of the program is to support these researchers early in their work so that they can become independently funded in the field of mammalian reproductive biology as related to the regulation of fertility.	Only one applicant per laboratory/ sponsor will be considered.	<ul style="list-style-type: none"> <li>The individual nominated by the applicant institution for the postdoctoral fellowship for conduct of the work may be a citizen of any country.</li> <li>The individual should have training and experience at least equal to the Ph.D. or M.D. level and should not have a faculty appointment (i.e., instructor, lecturer or higher).</li> <li>Potential fellows should not have held the doctoral degree more than two years from receipt of the degree.</li> </ul>	All applications are read by a confidential scientific review committee that makes funding recommendations to the foundation's trustees. The committee is comprised of tenured university researchers, and the review process is modeled on NIH procedures.	Brigham and Women's Hospital Cincinnati Children's Hospital Ottawa Hospital Research Institute (2) Stanford University University of California, San Diego (2) University of Kansas University of North Carolina Yale University
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### Mark Foundation for Cancer Research

05.10.20 (LOI) TENTATIVE	<a href="#">Emerging Leader Award</a>	N	\$750,000 (over 3 years)	The Mark Foundation Emerging Leader Awards provide grant support to early career investigators conducting high-impact, high-risk cancer research. This award is intended to support highly promising projects for which other sources of funding are not readily available or for a separate innovative endeavor that will allow the applicant to pursue a distinct and novel research direction.	Not institutionally limited; however, only one submission per applicant is allowed.	<ul style="list-style-type: none"> <li>A PhD, MD or equivalent is required.</li> <li>Applicant must be 3-8 years from the start of an independent faculty research appointment as of December 31, 2020 (i.e., the official start date of the appointment must fall within the calendar years 2012-2017). Exceptions due to prolonged medical or family leave will be considered on a case-by-case basis.</li> <li>Projects appropriate for this award must be centered on evidence-based laboratory, data and medical science.</li> <li>This award is not intended to be the main source of funding for the applicant's laboratory. Applicants must have multi-year independent funding that sustains the central studies of the laboratory (e.g., one or two grants such as NIH/R01, NSF/CAREER, or equivalently substantial multi-year awards). Individual eligibility will be determined during the LOI review stage.</li> <li>Applicants need not be U.S. citizens but must be employed by a U.S. non-profit academic institution.</li> </ul>	Award recipients are determined through a highly competitive process led by the founder's Scientific Advisory Committee.	Dana-Farber Cancer Institute (2) Massachusetts General Hospital New York University Oregon Health & Science University University of Pittsburgh
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### McKnight Foundation

<p>12.02.20 (LOI) TENTATIVE</p> <p>04.27.21 (Proposal) TENTATIVE</p>	<p><a href="#">Technological Innovations in Neuroscience Award</a></p>	<p>N</p>	<p><b>\$200,000</b> (over 2 years)</p>	<p>The program supports scientists who work on novel and creative approaches to understanding brain function and seeks to advance and enlarge the range of technologies available to the neurosciences. It does not support research based primarily on existing techniques. The program is especially interested in how technology may be used or adapted to monitor, manipulate, analyze, or model brain function at any level, from the molecular to the entire organism. Technology may take any form, from biochemical tools to instruments to software and mathematical approaches. A goal of the program is to foster collaboration between the neurosciences and other disciplines; therefore, collaborative and cross-disciplinary applications are explicitly invited.</p>	<p>Open, not institutionally limited.</p>	<p>Candidates for McKnight Technological Innovations in Neuroscience Awards:</p> <ul style="list-style-type: none"> <li>• Must be working at not-for-profit institutions within the United States.</li> <li>• Must hold full-time appointments at the rank of assistant professor or higher, e.g. associate professor or professor, at institutions within the United States. Scientists holding other titles such as research professor, adjunct professor, professor research track, visiting professor, or instructor are not eligible.</li> <li>• Must be developing new techniques or applying techniques to neuroscience in new ways.</li> <li>• May not be employees of the Howard Hughes Medical Institute or scientists within the intramural program of the National Institutes of Health.</li> <li>• May not hold another McKnight award that would overlap with the Technology award.</li> </ul>	<p>A review committee will evaluate the letters and will invite a few candidates to submit full proposals. At that point, a Stage Two URL will be provided. Proposals will be evaluated on the creativity and potential benefit of the approach and the significance of the problems to be addressed. Following review of the proposals, the committee will recommend up to three awards to the Board of Directors</p>	<p>Marquette University New York University University of California, Los Angeles</p>
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<p>03.02.20 (Application)</p> <p>09.07.20 (Detailed Proposal)</p>	<p><a href="#">Neurobiology of Brain Disorders Award</a> (formerly the Memory and Cognitive Disorders Award)</p>	<p>N</p>	<p><b>\$300,000</b> (over 3 years)</p>	<p>The Neurobiology of Brain Disorders Awards solve the problems of neurological and psychiatric diseases. The awards encourage research aimed at translating laboratory discoveries about the brain and nervous system into diagnoses and therapies to improve human health. Collaborative projects between basic and clinical neuroscientists are welcome, as are proposals that help link basic with clinical neuroscience.</p>	<p>Open, not institutionally limited.</p>	<p>We are interested in proposals that address the biology and mechanisms of neurological and psychiatric disorders. This includes proposals that provide mechanistic insights into neurological functions at the synaptic, cellular, molecular, genetic or behavioral level across different species, including humans and vertebrate and invertebrate model organisms. We are particularly interested in proposals that incorporate fundamentally new approaches and those that provide potential paths for therapeutic interventions. Collaborative and cross-disciplinary applications are encouraged.</p> <p>Candidates for the Neurobiology of Brain Disorders Awards:</p> <ul style="list-style-type: none"> <li>• Must be working at not-for-profit institutions within the United States.</li> <li>• Must hold full-time appointments at the rank of assistant professor or higher, e.g. associate professor or professor, at institutions within the United States. Scientists holding other titles such as research professor, adjunct professor, professor research track, visiting professor, or instructor are not eligible.</li> <li>• Must be addressing clinically relevant areas of neuroscience in new ways.</li> <li>• May not be intramural employees such as those at the Allen Institute, National Institutes of Health, Howard Hughes Medical Institute and similar institutions.</li> <li>• May not hold another McKnight award that would overlap with the Memory and Cognitive Disorders award.</li> <li>• We are interested in geographic, gender, and racial diversity and we encourage women and communities of color to apply.</li> <li>• Funds may be used toward a variety of research activities but not the recipient's salary. The candidate's other sources of funding will be considered when selecting awards.</li> </ul>	<p>A review committee will evaluate the initial letter applications and will invite a few candidates to submit complete proposals.</p>	<p>Icahn School of Medicine Salk Institute for Biological Studies University of California, San Francisco Washington University</p>
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01.01.21 (Application)	<a href="#">McKnight Scholar Award</a>	N	\$225,000 (over 3 years)	These awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory. The awards support young scientists who hold the M.D. and/or Ph.D. degree, who have completed formal postdoctoral training, and who demonstrate a commitment to neuroscience. McKnight especially seeks applicants working on problems that, if solved at the basic level, would have immediate and significant impact on clinically relevant issues.	Open, not institutionally limited.	<p>Candidates for the McKnight Scholar Award must have:</p> <ul style="list-style-type: none"> <li>• An M.D., Ph.D., or other suitable doctorate</li> <li>• A record of meritorious research</li> <li>• Evidence of a commitment to a career in neuroscience</li> <li>• Full-time appointment at the rank of assistant professor, and must have served at that rank for less than four years at the application deadline. Scientists holding other titles such as Research Assistant Professor, Adjunct Assistant Professor, Assistant Professor Research Track, Visiting Professor or Instructor are not eligible, and time spent in service in those ranks does not count against the four years of service for determining eligibility.</li> </ul> <p>Candidates for the McKnight Scholar Award may not:</p> <ul style="list-style-type: none"> <li>• Be employees of the Howard Hughes Medical Institute or of the Intramural Research Program of the National Institutes of Health</li> <li>• Apply in more than two rounds of competition</li> <li>• Have already been granted tenure</li> <li>• Hold another award from the McKnight Endowment Fund</li> </ul>	A review committee will evaluate applications and invite a select few to interview with the committee. The committee will then recommend candidates to the Board of Directors for final decision.	Johns Hopkins University Massachusetts Institute of Technology New York University School of Medicine University of California, Los Angeles University of Georgia Van Andel Research Institute
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### Andrew W. Mellon Foundation

10.06.20 (Application) TENTATIVE	<a href="#">New Directions Fellowship</a>	Y	Up to \$300,000 (over 2 years)	New Directions Fellowships assist faculty members in the humanities and humanistic social sciences who seek to acquire systematic training outside their own areas of special interest. The program is intended to enable scholars in the humanities to work on problems that interest them most, at an appropriately advanced level of sophistication. In addition to facilitating the work of individual faculty members, these awards should benefit scholarship in the humanities more generally by encouraging the highest standards in cross-disciplinary research.	Institutions are invited to nominate one candidate.	<ul style="list-style-type: none"> <li>• Candidates will be faculty members who were awarded doctorates within the last six to twelve years and whose research interests call for formal training in a discipline other than the one in which they are expert. Such training may consist of coursework or other programs of organized study. It may take place either at fellows' home institutions or elsewhere, as appropriate.</li> <li>• Although it is anticipated that many fellows will seek to acquire deeper knowledge of other fields within the broadly defined sphere of the humanities and humanistic social sciences, proposals to study disciplines farther afield are eligible.</li> </ul>	<ul style="list-style-type: none"> <li>• The overall significance of the research.</li> <li>• The case for the importance of extra-disciplinary training for furthering the research.</li> <li>• The likely ability of the candidate to derive satisfactory results from the training program proposed.</li> <li>• A well-developed plan for acquiring the necessary training within a reasonable period of time.</li> </ul>	Boston University Grinnell College McGill University Mount Holyoke College New York University Northwestern University Rice University Rutgers University University of California, Davis University of Michigan University of North Carolina University of Pittsburgh
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### David and Lucile Packard Foundation

03.15.20 (Nomination) TENTATIVE	<a href="#">Fellowships for Science and Engineering</a>	Y	\$875,000 (over 5 years)	The Packard Fellowships for Science and Engineering program invests in the nation's most promising professors to pursue science and engineering research early in their careers with few funding restrictions and limited reporting requirements. Packard Fellows are encouraged to think big and look at complex issues with a fresh perspective. The Foundation has few paperwork requirements, and Fellows may use their funds in whatever way would best advance their research.	Every year, the Foundation invites the presidents of 50 universities to nominate two early-career professors each from their institutions.	<ul style="list-style-type: none"> <li>• Candidates must be faculty members who are eligible to serve as principal investigators engaged in research in the natural and physical sciences or engineering and must be within the first three years of their faculty careers, that is for the 2019 Round, initial faculty appointments began no earlier than May 31, 2016 and no later than May 31, 2019.</li> <li>• Disciplines that will be considered include physics, chemistry, mathematics, biology, astronomy, computer science, earth science, ocean science, and all branches of engineering.</li> <li>• Candidates engaged in research in the social sciences will not be considered.</li> <li>• Packard Fellows are inquisitive, passionate scientists and engineers who take a creative approach to their research, dare to think big, and follow new ideas wherever they lead.</li> <li>• The Foundation emphasizes support for innovative individual research that involves the Fellows, their students, and junior colleagues, rather than extensions or components of large-scale, ongoing research programs.</li> </ul>	Nominations are reviewed by the Advisory Panel, which makes recommendations to the Foundation's Board of Trustees. The Board then makes the final approval of the selected Fellows.	California Institute of Technology Cornell University Duke University Harvard University Massachusetts Institute of Technology Pennsylvania State University Princeton University Stanford University University of Arizona University of California, Berkeley University of California, Davis University of California, Los Angeles University of California, San Diego University of Colorado University of Michigan University of North Carolina University of Pennsylvania University of Virginia University of Washington University of Wisconsin Washington University Yale University
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### Pew Charitable Trusts

06.14.20 (Nomination) TENTATIVE	<a href="#">Pew Biomedical</a>	Y	\$300,000 (over 4 years)	The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program makes grants to selected academic institutions to support the independent research of outstanding individuals who are in their first few years of their appointment at the assistant professor level.	One nomination will be invited from the presidents of 184 institutions, which have been selected on the basis of the scope of their work in biomedical research, and which have been recommended to The Pew Charitable Trusts by the National Advisory Committee of the program.	<ul style="list-style-type: none"> <li>• Candidates must have been awarded a doctorate in biomedical sciences, medicine or a related field.</li> <li>• Nominees must hold full-time appointments at the rank of assistant professor and must have been in such an appointment for less than three years, whether or not such an appointment was on a tenure track. Time spent in clinical internships, residencies, or in work toward board certification does not count as part of this three-year limit. NOTE: For each award round, the foundation has specific dates relative to the preceding requirements; please check the website for the current round's dates.</li> <li>• Candidates should demonstrate outstanding promise as contributors in science relevant to human health.</li> <li>• Strong proposals will incorporate particularly creative and innovative approaches.</li> <li>• Candidates whose work is based on biomedical principles, but brings in concepts and theories from more diverse fields, are encouraged to apply.</li> <li>• Risk-taking is encouraged.</li> </ul>	Selection of the successful candidates will be based on a detailed description of the work that the applicant proposes to undertake, evaluations of the candidate's performance, and notable past accomplishments, including honors, awards and publications. In evaluating the candidates, the National Advisory Committee gives considerable weight to evidence that the candidate is a successful independent investigator and has published significant work.	Boston Children's Hospital Columbia University Dana-Farber Cancer Institute Harvard Medical School Icahn School of Medicine Iowa State University Massachusetts Institute of Technology Memorial Sloan-Kettering Cancer Center New York University Northwestern University Pennsylvania State University Rutgers University Stanford University University of California, Berkeley University of California, San Francisco University of Massachusetts University of Minnesota University of Pittsburgh University of Washington Yale University School of Medicine
10.17.20 (Application) TENTATIVE	<a href="#">al Scholars</a>				Candidates may be nominated by their institution two times in total.			

### Research Corporation for Science Advancement

07.01.20 (Proposal)	<a href="#">Cottrell Scholar Award</a>	N	\$100,000 (over 3 years)	The Cottrell Scholar Award honors and helps to develop outstanding teacher-scholars who are recognized by their scientific communities for the quality and innovation of their research programs and their academic leadership skills. The Cottrell Scholar Award provides entry into a national community of outstanding scholar-educators who produce significant research and educational outcomes.	Open, not institutionally limited.	<ul style="list-style-type: none"> <li>• The Cottrell Scholar Award (CSA) is available to early career faculty at US and Canadian research universities and primarily undergraduate institutions.</li> <li>• Eligible applicants are tenure-track faculty who hold primary or courtesy appointments in chemistry, physics, or astronomy departments that offer bachelor's and/or graduate degrees in the applicant's discipline.</li> <li>• For the 2020 proposal cycle, eligibility is limited to faculty members who started their first tenure-track appointment anytime in calendar year 2017.</li> </ul>	Applications that conform to guidelines are first reviewed by RCSA Program Directors to assess the quality of the educational plan. Submissions with truly excellent educational plans aimed at improving undergraduate or graduate science education are further considered and reviewed by external research experts and the members of the Cottrell Scholar Selection Committee. Award recommendations are made by the Cottrell Scholar Selection Committee and approved by the RCSA Board of Directors.	Barnard College Bowdoin College Carnegie Mellon University Cornell University Dartmouth University (2) Emory University Indiana University Iowa State University James Madison University Macalaster University Massachusetts Institute of Technology Ohio State University Swarthmore College University of Michigan (3) University of New Mexico University of Rochester University of San Diego University of Texas, Austin University of Washington West Virginia University William Patterson University
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### Searle Funds at The Chicago Community Trust

06.01.20 (Nomination) TENTATIVE	<a href="#">Searle Scholars Program</a>	Y	\$300,000 (over 3 years)	The Searle Scholars Program is a limited submission award program which makes grants to selected academic and research institutions to support the independent research of outstanding early-career scientists who have recently been appointed as assistant professors on a tenure-track appointment.	One nomination from invited institutions.	<ul style="list-style-type: none"> <li>The Scientific Advisory Board is primarily interested in the potential of applicants to make innovative and high-impact contributions to research over an extended period of time.</li> <li>Applicants will be expected to be pursuing independent research careers in biochemistry, cell biology, genetics, immunology, neuroscience, pharmacology, and related areas in chemistry, medicine, and the biological sciences.</li> <li>Applicants appointment must be their first tenure-track position (or its nearest equivalent) at an invited institution.</li> <li>Institutions which do not have tenure-track appointments should consult with the scientific director of the Program regarding eligibility of selected applicants PRIOR to nominating such individuals.</li> <li>The Searle Scholars Program does not ordinarily support purely clinical research but has supported research programs that include both clinical and basic components. Potential applicants who are unsure if their research is appropriate for our Program are encouraged to examine the research interests of present and former Searle Scholars on this website.</li> <li>Applicants who were nominated for awards in the previous competition year but were not awarded may still meet the eligibility criteria for the current competition. Institutions should consult with the scientific director of the Program regarding re-nomination of such individuals.</li> </ul>	Applications will be screened by a scientific advisory board comprised of experts in the fields of interest to the Program.	Harvard University New York University Northwestern University Princeton University University of California, San Diego University of California, San Francisco (2) University of California, Santa Cruz University of Massachusetts University of Michigan University of North Carolina University of Pennsylvania University of Pittsburgh University of Washington Yale University
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### Alfred P. Sloan Foundation

09.16.20 (Application) TENTATIVE	<a href="#">Sloan Research</a>	N	\$75,000 (over 2 years)	The Sloan Research Fellowships seek to stimulate fundamental research by early-career scientists and scholars of outstanding	Candidates must be nominated by a department head or other senior researcher. Submissions unaccompanied by a nomination from a senior researcher are not accepted. More than one candidate from a department may be nominated, but no	<ul style="list-style-type: none"> <li>Candidates must hold a Ph.D. or equivalent degree in chemistry, computer science, economics, mathematics, molecular biology, neuroscience, ocean sciences, physics, or a related field.</li> </ul>	Nominations are reviewed and candidates selected by a selection committee of three distinguished scientists in each eligible field. Fellows are selected on the basis of their independent research accomplishments, creativity, and potential to become leaders in	Boston College Boston University Brandeis University
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### Thrasher Research Fund

SPRING CYCLE	<a href="#">Early Career Awards</a>	N	\$25,000 (over 2 years)	The Fund recognizes that young investigators may find it difficult to remain in pediatric research because of a lack of funding. Therefore, the purpose of this program is to encourage the development of medical research in child health by awarding small grants to new researchers, helping them gain a foothold in this important area. The goal is to fund applicants who will go on to be independent investigators. The Fund will make up to 30 awards total annually with two funding cycles (15 awards each).	Open, not institutionally limited.	<ul style="list-style-type: none"> <li>Physicians who are in a residency/fellowship training program, or who completed that program no more than one year before the date of submission of the Concept Paper.</li> <li>Post-doctoral researchers who received the doctoral level degree no more than three years prior to the date of submission of the Concept Paper.</li> <li>A new investigator who holds a National Institutes of Health (NIH) K award (including a K12 award) or a Clinical and Translational Science Award (CTSA) is not eligible to apply for the Early Career Award.</li> <li>Each project needs to be under the guidance of a mentor. The qualifications and experience of the mentor will be considered in the evaluation of the application. A mentor may have only one Thrasher Research Fund Early Career Awardee at a time.</li> <li>There are no restrictions with regard to citizenship. The Fund is open to applications from institutions both inside and outside the United States.</li> </ul>	All applications are expected to have a novel, scientifically sound, hypothesis-driven approach. Projects should be feasibly accomplished between 1-2 years.	The foundation does not list its grants by year awarded.
03.17.20 (Concept)								
05.08.20 (Proposal)								
FALL CYCLE								
09.15.20 (Concept)								
11.06.20 (Proposal)								

### Helen Hay Whitney Foundation

07.01.20 (Application)	<a href="#">Research Fellowship in the Biomedical Sciences</a>	N	\$175,500 (over 3 years)	The Helen Hay Whitney Foundation supports early postdoctoral research training in all basic biomedical sciences. To attain its ultimate goal of increasing the number of imaginative, well-trained and dedicated medical scientists, the Foundation grants financial support of sufficient duration to help further the careers of young men and women engaged in biological or medical research.	The foundation will review no more than one application from a laboratory during each annual cycle. We will accept applications from different laboratories/supervisors at the same institution. Should we receive more than one, the Chair of the Science Advisory Committee will decide which of the applications appears most competitive and decline the other(s) administratively.	<ul style="list-style-type: none"> <li>Candidates who hold, or are in the final stages of obtaining a Ph.D., M.D., or equivalent degree and are seeking beginning postdoctoral training in basic biomedical research are eligible to apply for a fellowship.</li> <li>The Foundation accepts applications from candidates who have no more than one year of postdoctoral research experience at the time of the deadline for submitting the application (July 2, 2019 - TENTATIVE), and who have received a PhD (or D.Phil. or equivalent) degree no more than two years before the deadline, or an M.D. degree no more than three years before the deadline.</li> <li>Applications from established scientists or advanced fellows will not be considered. The fellowships are for early postdoctoral training only. Clinical house-staff training does not count as "postdoctoral laboratory training."</li> <li>The Foundation will not ordinarily consider applicants who plan tenure of the fellowship in the laboratory in which they have already received extensive predoctoral or postdoctoral training. The aim of the fellowship is to broaden postdoctoral training and experience, and a significant change of venue is advisable.</li> </ul>	The initial step is the screening begun by the Scientific Advisory Committee as soon as all applications have been received. In this screening, the Committee selects those candidates whose applications merit a personal interview with a Committee member. Each applicant so selected is then assigned to a member of the Committee, who completes arrangements for the interview in October. All applicants will be advised by email of their status (declined or approved for interview) by early-mid October. All personal interview reports and applications are reviewed in context with each other at a full Scientific Advisory Committee meeting in November, and it is at this meeting that those interviewed candidates are selected to be recommended for approval by the Board of Trustees. All interviewed applicants are notified of the Committee's decisions by mid-November. As the last step in the procedure, the Board of Trustees votes to approve the fellowship awards, in order of priority, up to the availability of funds.	Boston Children's Hospital California Institute of Technology Columbia University (2) Harvard Medical School (2) Harvard University (2) Massachusetts Institute of Technology Princeton University (2) Rockefeller University (3) Stanford University (2) University of Basel University of California, Berkeley (2) University of California, Los Angeles University of California, San Francisco University of Chicago University of Southern California University of Utah
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