**Worcester Polytechnic Institute**

Office of Foundation and Corporate Philanthropy  
**FUNDING OPPORTUNITIES: April – June 2019**  
wpi.edu/+privatefunding

- **Subject Area** -

<table>
<thead>
<tr>
<th>Click on an opportunity to see more detail:</th>
<th>Award Amount</th>
<th>Submission Deadline</th>
<th>Arts &amp; Humanities</th>
<th>Biology &amp; Biotechnology</th>
<th>Business</th>
<th>Chemistry</th>
<th>Computer Science</th>
<th>Engineering</th>
<th>Mathematics</th>
<th>Physics</th>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alex’s Lemonade Stand Foundation Childhood Cancer: ‘A’ Award</td>
<td>Up to $1,000,000</td>
<td>5/21/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alex’s Lemonade Stand Foundation Childhood Cancer: Psychosocial Grants</td>
<td>Up to $100,000 to $300,000</td>
<td>6/11/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alfred P. Sloan Foundation: Digital Information Technology</td>
<td>Up to $800,000</td>
<td>Rolling LOI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amazon: Machine Learning Research Awards</td>
<td>Up to $100,000</td>
<td>Rolling</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Cancer Society: Institutional Research Grants</td>
<td>$360,000</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Cancer Society: Postdoctoral Fellowships</td>
<td>$163,500</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Cancer Society: Research Scholar Grant</td>
<td>Up to $660,000</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Diabetes Association: Core Research Program – Innovative Basic Sciences</td>
<td>Up to $345,000</td>
<td>4/16/2019</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Diabetes Association: Junior Faculty Development</td>
<td>Up to $552,000</td>
<td>4/16/2019</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Psychological Foundation: David Wechsler Early Career Innovative Work in Cognition</td>
<td>Up to $25,000</td>
<td>6/15/2019</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Legion Child Welfare Foundation</td>
<td>Up to $50,000</td>
<td>May-July</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arnold and Mabel Beckman Foundation: Beckman Young Investigators (BYI) Award</td>
<td>$600,000</td>
<td>June-Aug</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avery Dennison Corporation</td>
<td>$3,000 to $158,000</td>
<td>Rolling</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brady Education Foundation (BEF): Existing Program Evaluation Grants</td>
<td>$108,00 to $365,000</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brain &amp; Behavior Research Foundation: NARSAD Distinguished Investigator Grant</td>
<td>$100,000</td>
<td>June-July</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brain Research Foundation: Annual Scientific Innovations Award *</td>
<td>$150,000</td>
<td>6/22/2019</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breast Cancer Alliance: Exceptional Project Grants *</td>
<td>$100,000</td>
<td>4/5/2019</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Brinson Foundation: Scientific Research</td>
<td>Average of $73,000</td>
<td>Rolling LOI</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carnegie Corporation of New York: Education Program</td>
<td>$25,000 to $1,000,000</td>
<td>Rolling LOI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charles Pankow Foundation: Research Grants</td>
<td>$105,000 to $400,000</td>
<td>Rolling</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cisco Systems</td>
<td>Varies</td>
<td>Rolling</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.
# Worcester Polytechnic Institute

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Award Amount</th>
<th>Submission Deadline</th>
<th>Arts &amp; Humanities</th>
<th>Biology &amp; Biotechnology</th>
<th>Business</th>
<th>Chemistry</th>
<th>Computer Science</th>
<th>Engineering</th>
<th>Mathematics</th>
<th>Physics</th>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comcast Innovation Fund</td>
<td>Up to $150,000</td>
<td>Rolling</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commonwealth Fund</td>
<td>$20,000 to $800,000</td>
<td>Rolling LOI</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Craig H. Neilsen Foundation: Spinal Cord Injury Research on the Translational Spectrum</td>
<td>$30,000 to $600,000</td>
<td>LOI</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elsa U. Pardee Foundation: Cancer Research</td>
<td>$141,320 to $186,374</td>
<td>4/30/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entertainment Software Association Foundation</td>
<td>$50,000</td>
<td>6/22/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Research &amp; Education Foundation</td>
<td>$32,000 to $1M</td>
<td>5/1/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ewing Marion Kauffman Foundation: Kauffman Knowledge Challenge</td>
<td>Up to $400,000</td>
<td>5/9/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ford Foundation</td>
<td>$100,000,000 plus</td>
<td>Rolling</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundation for Food and Agriculture Research (FFAR): Seeding Solutions 2018</td>
<td>$300,000 to $1,000,000</td>
<td>4/19/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Harold &amp; Leila Y. Mathers Charitable Foundation</td>
<td>$10,000 to $600,000</td>
<td>Rolling LOI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gladys Brooks Foundation</td>
<td>$25,000 to $300,000</td>
<td>5/31/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Gladys Krieble Delmas Foundation</td>
<td>Up to $25,000</td>
<td>Rolling</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gruber Foundation: Rosalind Franklin Young Investigator Award</td>
<td>$75,000</td>
<td>5/1/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Foundation of Central Massachusetts: Activation Fund *</td>
<td>$10,000 to $100,000</td>
<td>LOI</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Julian Schwinger Foundation for Physics Research</td>
<td>$50,000 to $134,000</td>
<td>Rolling</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knight Foundation: Quality Journalism, Media Innovation, Community Engagement &amp; the Arts</td>
<td>$10,000 to $1,000,000 plus</td>
<td>Rolling</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mabel Louise Riley Foundation</td>
<td>$50,000 to $100,000</td>
<td>7/1/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microsoft: AI for Earth Grant</td>
<td>$5,000 to $15,000</td>
<td>4/8/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microsoft: Genomics for Research</td>
<td>N/A</td>
<td>4/15/2019</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Morton Cure Paralysis Fund</td>
<td>$5,000 to $75,000</td>
<td>4/30/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neuroendocrine Tumor Research Foundation</td>
<td>$50,000 to $1,200,000</td>
<td>6/15/2019</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paralyzed Veterans of America: Education Foundation</td>
<td>$75,000 to $150,000</td>
<td>7/1/2019</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RELX Group Environmental Challenge</td>
<td>$50,000</td>
<td>5/1/2019</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Corporation for Science Advancement: Cottrell Scholar</td>
<td>$100,000</td>
<td>4/15/2019</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* **Limited Submission Policy (LSP)** Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.
<table>
<thead>
<tr>
<th>Foundation</th>
<th>Award Amount</th>
<th>Submission Deadline</th>
<th>Arts &amp; Humanities</th>
<th>Biology &amp; Biotechnology</th>
<th>Business</th>
<th>Chemistry</th>
<th>Computer Science</th>
<th>Engineering</th>
<th>Mathematics</th>
<th>Physics</th>
<th>Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rita Allen Foundation: Civic Literacy and Engagement</td>
<td>$25,000 to $250,000</td>
<td>6/30/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robert Wood Johnson Foundation: Evidence for Action</td>
<td>Varies</td>
<td>Rolling LOI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal</td>
<td>$150,000 to $350,000</td>
<td>Rolling 10/15/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russell Sage Foundation: Behavioral Economics</td>
<td>$175,000</td>
<td>5/23/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russell Sage Foundation: Race, Ethnicity, and Immigration</td>
<td>$175,000</td>
<td>5/23/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Samuel H. Kress Foundation: Digital Resources for History of Art</td>
<td>$11,000 to $70,000</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Samuel H. Kress Foundation: History of Art Grants Program</td>
<td>$5,000 to $66,000</td>
<td>4/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simons Foundation: Targeted Grants for Mathematics and Physical Sciences (MPS)</td>
<td>Varies</td>
<td>Rolling LOI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spencer Foundation: Small Research Grants</td>
<td>$50,000 or less</td>
<td>5/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spencer Foundation: Lyle Spencer Research Awards</td>
<td>Up to $1,000,000</td>
<td>LOI End of May</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Susan G. Komen – Career Catalyst Research (CCR) Grants</td>
<td>$450,000</td>
<td>LOI 8/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thome Memorial Foundation Awards Program: Age-Related Macular Degeneration Research</td>
<td>$500,000</td>
<td>5/25/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toyota USA Foundation Grants</td>
<td>$50,000</td>
<td>Rolling</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VentureWell BMEidea (Lemelson Foundation) *</td>
<td>Up to $10,000</td>
<td>4/3/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VentureWell E-Team Program (Lemelson Foundation)</td>
<td>Up to $25,000</td>
<td>5/8/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitehall Foundation: Research Grant-in-Aid</td>
<td>Up to $30,000</td>
<td>LOI 4/15/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitehall Foundation: Research Grants</td>
<td>Up to $225,000</td>
<td>LOI 4/15/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W.T. Grant Foundation: Research Grants</td>
<td>$100,000 to $600,000</td>
<td>5/1/2019</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W.T. Grant Foundation: Scholar Awards *</td>
<td>$350,000</td>
<td>April-July</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please contact Lynn Lancaster, Dir. Foundation & Corp Philanthropy at 508-831-4853 or lmlancaster@wpi.edu if you have any questions or before approaching a foundation.  Updated: 3/1/2019

Three Additional Resources for Grant-Seekers:
- ProposalCENTRAL Opportunities (https://proposalcentral.altum.com/opportunities.asp)
- Foundation Directory Online*
- PIVOT*

*Available through the WPI library’s online databases

* Limited Submission Policy (LSP) Contact Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.
Please contact Lynn Lancaster, Director of Foundation & Corporate Philanthropy at 508-831-4853 or lmlancaster@wpi.edu if you have any questions or before approaching a private foundation.

➢ Alex’s Lemonade Stand Foundation (ALSF) for Childhood Cancer: ‘A’ Award

- **Deadline:** May 21, 2019 (anticipated)
- **Grant Range:** up to $1,000,000 over 5 years

The ‘A’ Award is a four-year grant designed for the early independent career scientist who wants to establish a career in pediatric oncology research. The ideal applicant has an original project that is not currently being funded. Demonstration of a future commitment to pediatric cancer investigation, as well as institutional support for the career development of the investigator, are critical components of a successful application. A career development plan should be outlined; inclusion of a mentoring plan for at least the first 1-2 years of support is strongly encouraged.

For more information: [https://www.alexslemonade.org/researchers-reviewers/calendar](https://www.alexslemonade.org/researchers-reviewers/calendar)

➢ Alex’s Lemonade Stand Foundation (ALSF) for Childhood Cancer: Psychosocial Grants

- **Deadline:** June 11, 2019 (anticipated)
- **Grant Range:** up to $100,000 to $300,000 over 2 to 3 years

ALSF offers two different Psychosocial Grant opportunities:

**Launch Grants** are designed for early career researchers within 7 years of receiving their terminal degree/completing formal training. Funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. Demonstration of outstanding mentorship and a career plan that shows commitment to pediatric cancer investigation are important components of a successful application. Maximum $50,000 per year for two 2 years will be awarded to applicants.

**Family Impact Grants** are designed for established investigators. Funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. These grants are designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact. Award amount is a maximum of $100,000 per year for 3 years.

For more information: [https://www.alexslemonade.org/researchers-reviewers/calendar](https://www.alexslemonade.org/researchers-reviewers/calendar)
Alfred P. Sloan Foundation: Digital Information Technology

- **Deadline:** Rolling for letter of inquiry
- **Grant Range:** In 2018, 47 grants in Digital Technology ranged from $12K to $800K

Sloan's three programs in Digital Technology (below) explore how the internet and computing technology are creating new opportunities to empower the scientific enterprise and expand the public's access to knowledge.

- **Data and Computational Research**
- **Scholarly Communication**
- **Universal Access to Knowledge**

Grants in this program tend to fall into four broad types:

- **Software grants** support technology development ranging from prototyping funds to substantial scaling resources;
- **Training grants** aim at supporting work force training and curricular initiatives as well as targeted adoption of new technologies by specific communities;
- **Research grants** bring historical, ethnographic, and economic research methods to bear on our understanding of scholarly activities in a changing technological context;
- **Community grants** build networks for knowledge exchange across disciplines as well as institutions that serve to incubate sustainable research and software projects.

Interested scholars should submit a letter of inquiry of no more than two pages to program director Joshua M. Greenberg who is charge of data and computational research and scholarly communication or email the program Doran Weber who is charge of universal access to knowledge.

For more information: [https://sloan.org/programs/digital-technology](https://sloan.org/programs/digital-technology)

Amazon: Machine Learning Research Awards

- **Deadline:** Rolling with quarterly announcements
- **Grant Range:** Up to $100K per faculty member and up to $80K per student, plus AWS credits

The AWS Machine Learning Research Awards (MLRA) program funds eligible universities, faculty, PhD students and post-docs under the supervision of faculty, that are conducting novel research in machine learning (ML). MLRA seeks to fund a diverse set of projects across many ML areas and domains. Research areas of interest include ML advancements in computer vision, robotics, life sciences, language, speech, problem-solving, reasoning, and decision-making. The program goal is to enable research that accelerates the development of innovative algorithms, publications, and source code across a wide variety of ML applications and focus areas.

Selected applicants will receive awards that include unrestricted cash funding as well as AWS Promotional Credits. The final award amount will be determined by the awards panel. Award recipients will receive an invitation to attend an annual research seminar and may receive live one-on-one training sessions with Amazon scientists and engineers.

For more information: [https://aws.amazon.com/aws-ml-research-awards/](https://aws.amazon.com/aws-ml-research-awards/)

---

Page 5 of 26
American Cancer Society: Institutional Research Grants

- Deadline: April 1, 2019
- Grant Range: average $360,000 over 3 years

Institutional Research Grants are block grants averaging $120,000 per year for three years given to institutions as "seed money" for the initiation of projects by promising junior investigators. Applications are accepted through ProposalCENTRAL.

For more information: https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/institutional-research-grants.html

American Cancer Society: Postdoctoral Fellowships

- Deadline: April 1, 2019
- Grant Range: $163,500 incl progressive stipends of $48K, $50K & $52K/yr plus fellowship allowance

This award is to support the training of researchers who have received a doctoral degree to provide initial funding leading to an independent career in cancer research (including basic, preclinical, clinical, cancer control, psychosocial, behavioral, epidemiology, health services and health policy research). Applications are accepted through ProposalCENTRAL.

For more information: https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/postdoctoral-fellowships.html

American Cancer Society: Research Scholar Grants

- Deadline: April 1, 2019
- Grant Range: up to $660,000 over 4 years, including 20% allowable indirect costs

The Research Scholar Grant (RSG) supports investigator-initiated projects across the cancer research continuum. Independent investigators in the first 6 years of an independent research career or faculty appointment are eligible to apply. Applications are accepted through ProposalCENTRAL.

For more information: https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant/grant-types/research-scholar-grants.html

American Diabetes Association: Core Research Program – Innovative Basic Sciences

- Deadline: April 16, 2019 (Anticipated)
- Grant Range: up to $345,000 over 3 years

These awards support basic research with novel and innovative hypotheses in any area relevant to the etiology or pathophysiology of diabetes and its complications that holds significant promise for advancing the prevention, cure, or treatment of diabetes. Applications proposing high-risk projects with the potential for high-impact results are encouraged, as are studies that may not be sufficiently developed for traditional funding sources.

For more information: https://professional.diabetes.org/meetings/core-program
American Diabetes Association: Junior Faculty Development

- **Deadline:** April 16, 2019 (anticipated)
- **Grant Range:** up to $552,000 over 2-4 years, plus optional student loan repayment ($10K/year)

These awards support early investigators as they establish independence as diabetes researchers. Eligible applicants must be full-time independent faculty with less than 10 years of research experience since their terminal degree who do not have previous or current NIH support (R00, R01, U01 or equivalent). Applicants may not hold concurrent awards of similar intent (NIH K awards, foundation or non-profit career development awards), however they can have completed previous NIH K or other career development funding. Applicants must dedicate at least 75% total effort to research activities.

Awards are up to $138,000 per year for up to four years including indirect costs. PI’s salary support cannot exceed $75,000 per year. Additionally, applicants can request up to $10,000 per year towards the repayment of the principal on loans for a doctoral degree (MD, PhD, PharmD, DPM or DO).

For more information: https://professional.diabetes.org/meetings/core-program

American Psychological Foundation: David Wechsler Early Career Innovative Work in Cognition

- **Deadline:** June 15, 2019
- **Grant Range:** up to $25,000

The David Wechsler Early Career Grant for Innovative Work in Cognition supports early career psychologists pursuing innovative work in neuropsychology, intelligence and/or the assessment aspects of cognition. Those who work on positive applied neuropsychology are encouraged to apply.

For more information: http://www.apa.org/apf/funding/wechsler.aspx?tab=1

American Legion Child Welfare Foundation

- **Deadline:** Applications Open May 1 through July 15, 2019
- **Grant Range:** up to $50,000

The Foundation’s two basic purposes:

- To contribute to the physical, mental, emotional and spiritual welfare of children through the dissemination of knowledge about new and innovative organizations and/or their programs designed to benefit youth; and
- To contribute to the physical, mental, emotional and spiritual welfare of children through the dissemination of knowledge already possessed by well-established organizations, to the end that such information can be more adequately used by society.

For more information: http://www.cwf-inc.org/grantseekers/submissionprocess
Arnold and Mabel Beckman Foundation: Beckman Young Investigators (BYI) Award

- **Deadline:** Letter of Intent accepted June – early August (anticipated)
- **Grant Range:** $600,000 for up to four years

The Program provides research support to the most promising young faculty members in the early stages of 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. Tenure Track Start Date for the 2020 program must be after: 8/6/2016.

For more information: http://www.beckman-foundation.org/programs/beckman-young-investigators-program-information

Avery Dennison Foundation

- **Deadline:** Rolling; decisions on a quarterly basis
- **Grant Range:** not specified; 2015 range of $3K - $158K

The Avery Dennison Foundation supports non-profit non-governmental organizations in markets where our employees live and work. Regardless of geography, all the grants we award will extend our strategic giving in support of education, sustainability, and women’s empowerment. Project or programs must satisfy one or more of the following criteria:

Educational Grant Criteria:
- Provide direct services to populations who are traditionally underserved because of gender, socioeconomic status, or geography.
- Provide educational improvements to elementary, secondary, post-secondary and/or vocational schools.

Sustainable Grant Criteria:
- Provide direct support for projects that address environmental resources and contribute to the social, environmental and economic wellbeing of communities.
- Educate community members about responsible care of the environment, particularly as it relates to the manufacturing industry. Examples include energy and water conservation, waste reduction, recycling, responsible forestry, sustainable packaging, product safety and resource conservation.

Women’s Empowerment Grant Criteria:
- Provide direct services to address female gender equality, equity and improved quality of life for women.
- Authentic involvement of women and/or community members in the project's design and implementation.

Brady Education Foundation (BEF): Existing Program Evaluation Grants

- **Deadline:** April 1, 2019 for Stage 1 Application
- **Grant Range:** posted evaluation grant awards range from $108K/one year to $365K/three years

The primary goal of BEF Existing Program Evaluations is to evaluate the effectiveness of programs designed to promote positive cognitive and/or achievement outcomes for children (birth through 18 years) from underserved groups and/or low-resources communities (minority ethnic groups, low-income families).

For more information: [http://www.bradyeducationfoundation.org/applicationguidelines.html](http://www.bradyeducationfoundation.org/applicationguidelines.html)

Brain & Behavior Research Foundation: NARSAD Distinguished Investigator Grant

- **Deadline:** Applications Open Annually June – July (anticipated July 19, 2019)
- **Grant Range:** $100,000 for one year

The NARSAD Distinguished Investigator Grant provides support for experienced investigators (full professor or equivalent) conducting neurobiological and behavioral research. Areas of particular interest to the Scientific Council's Selection Committee include patient populations with unique or unusual characteristics and central nervous system developments.

For more information: [https://bbrfoundation.org/DI](https://bbrfoundation.org/DI)

Brain Research Foundation: Annual Scientific Innovations Award

- **Deadline:** June 22, 2019 (anticipated)
- **Grant Range:** $150,000 over two years

Brain Research Foundation has invited WPI to nominate one senior faculty member (Associate and Full Professor) to submit a Letter of Intent for the Scientific Innovations Award (SIA). Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

Brain Research Foundation’s Scientific Innovations Award Program provides funding for innovative science in both basic and clinical neuroscience. This funding mechanism is designed to support creative, exploratory, cutting edge research in well-established research laboratories, under the direction of established investigators.

This funding opportunity is for projects that may be too innovative and speculative for traditional funding sources but still have a high likelihood of producing important findings in a very short timeframe. It is expected that investigations supported by these grants will yield high impact findings and result in major grant applications and significant publications in high impact journals.

For more information: [https://www.thebrf.org/for-researchers/scientific-innovations-award-2/](https://www.thebrf.org/for-researchers/scientific-innovations-award-2/)
Breast Cancer Alliance: Exceptional Project Grants

- Deadline: April 5, 2019 for Letter of Intent
- Grant Range: $100,000 for one year

Each institution may submit only 2 LOIs; contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

The Breast Cancer Alliance invites clinical doctors and research scientists at any stage of their careers whose primary focus is breast cancer to apply for an Exceptional Project Grant. The award recognizes creative, unique and innovative research.

For more information: http://breastcanceralliance.org/how-to-apply

The Brinson Foundation: Scientific Research

- Deadline: Rolling for Letters of Inquiry
- Grant Range: in 2017, 12 Scientific Research grants were awarded with an average value of $73K

The Foundation promotes the work of young researchers and is interested in programs on the cutting edge of research that are underfunded or not yet eligible for funding by governmental programs. Grants are made in the following focus areas: Astrophysics, Cosmology, Evolutionary Developmental Biology, and Geophysics.

For more information: http://www.brinsonfoundation.org/scientific-research/

Carnegie Corporation of New York: Education Program

- Deadline: Rolling for LOI
- Grant Range: in 2018, 20 education grants ranged from $25K to $1.0M

The Carnegie Foundation Education Program has five Focus Areas:

- **Leadership & Teaching to Advance Learning**: For improving systems of preparing, recruiting, and developing teachers and education leaders to serve the needs of diverse learners.

- **New Designs to Advance Learning**: For developing whole school models that provide more effective learning environments for diverse learners.

- **Public Understanding**: For supporting research on strategies that can drive parent and family engagement in education.

- **Pathways to Postsecondary Success**: For improving alignment in student learning expectations between K-12 and postsecondary education.

- **Integration, Learning & Innovation**: For advancing integrated approaches across the Corporation’s portfolios and the field that enable greater collaboration, coherence, and dynamism.

For more information on how to submit an LOI: https://www.carnegie.org/grants/grantseekers/how-apply/
Charles Pankow Foundation Research Grants

- **Deadline:** Rolling
- **Grant Range:** Grants ranged from $105K to $400K

The initiatives below will be the major focus of most of the research funded by the Charles Pankow Foundation. The list of CPF Initiatives is subject to change at any time. Great ideas and interesting individual research projects are always welcome.

- High Strength Steel Reinforcing Bar
- Performance-Based Seismic Design of Tall Buildings
- Structural Optimization of Timber Design and Construction
- Integrated Project Delivery Guide
- Water Reuse in Buildings
- Integrating Carbon into Life Cycle Based (Structural) Design Decision-Making
- Building Enclosures Guide
- Computational Analysis of the Behavior of Reinforced Concrete Members

For more information: [https://www.pankowfoundation.org/apply-for-grants/](https://www.pankowfoundation.org/apply-for-grants/)

Cisco Systems

- **Deadline:** NO deadlines; proposals are reviewed on a rolling basis
- **Grant Range:** Varies

Cisco is interested in exploring issues, topics, and problems that are relevant to their core business of **improving the Internet**. Cisco is also deeply interested in adjacent technologies that leverage the power of the network to change the world around us.

For open RFP’s, scroll to the bottom of: [http://research.cisco.com/research-programs.html#rfp-2015092](http://research.cisco.com/research-programs.html#rfp-2015092)

Comcast Innovation Fund

- **Deadline:** Rolling
- **Grant Range:** up to $150,000; one-year projects only

The Comcast Innovation Fund offers funding to support research that is of mutual interest to Comcast and the research community. It also provides funding to support open source software development.

The fund offers General Research Grants, Targeted Open Source Development Grants, and Targeted Research Grants. Areas that have been funded before:

- Network and User Security
- All things video including caching
- SPAM protection
- User Authentication
- And much more can be found on their website

For more information: [https://innovationfund.comcast.com/how-to-apply](https://innovationfund.comcast.com/how-to-apply)
Commonwealth Fund

- **Deadline:** Rolling LOI
- **Grant Range:** In 2018, 22 grants ranged from $20K to $800K

The Fund supports independent research on health and social issues and makes grants to improve health care practice and policy. The Fund's current programs are:

- Health Care Coverage and Access
- Health Care Delivery System Reform
- Advancing Medicare
- Breakthrough Health Care Opportunities
- Tracking Health System Performance
- Federal & State Health Policy
- International Health Policy & Practice Innovations
- Controlling Health Care Costs

For more information: [https://www.commonwealthfund.org/grants-fellowships/applying-grant](https://www.commonwealthfund.org/grants-fellowships/applying-grant)

Craig H. Neilsen Foundation: Spinal Cord Injury Research on the Translational Spectrum

- **Deadline for LOI:** May 6, 2019
- **Grant Range:** $30,000 - $600,000

Spinal Cord Injury Research on the Translational Spectrum supports research designed to improve understanding and advance the treatment of acute and chronic SCI and to fill gaps in the field, including mechanistic, preclinical, translational, and/or clinical studies. Funding categories include postdoctoral fellowships, pilot research grants, and senior research grants.

For more information: [http://chnfoundation.org/how-to-apply/](http://chnfoundation.org/how-to-apply/)

Elsa U. Pardee Foundation: Cancer Research

- **Deadline:** Three application cycles each year with deadlines on April 30, August 31 and December 31
- **Grant Range:** no limit; in 2018 range of $141,320 to $186,374 for one year

The Elsa U. Pardee Foundation funds research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one-year period that will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified.

For more information: [https://pardeefoundation.org/how-to-apply/](https://pardeefoundation.org/how-to-apply/)

Entertainment Software Association Foundation (ESAF)

- **Deadline:** June 22, 2019 (anticipated)
- **Grant Range:** $50,000

The ESA Foundation is dedicated to supporting positive programs and opportunities that make a difference in the lives of America’s youth. The Foundation seeks to harness the collective power of the interactive
entertainment industry to create positive social impact in our communities. We support geographically diverse projects and programs that benefit American boys and girls of all races and religions.

For more information:  [http://www.esafoundation.org/application.asp](http://www.esafoundation.org/application.asp)

**Environmental Research & Education Foundation**

- **Deadline:** two deadlines per year for pre-proposals: December 1st and May 1st
- **Grant Range:** recent grant range $32,000 to $1M

Topics must relate to **sustainable solid waste management practices** and pertain to the following areas:

1. Waste minimization
2. Recycling
3. Waste conversion to energy, biofuels, chemicals, or other useful products.
4. Strategies to promote diversion to higher and better uses
5. Landfilling

For more information: [https://erefdn.org/research-grants-projects/how-to-apply-for-grant/](https://erefdn.org/research-grants-projects/how-to-apply-for-grant/)

**Ewing Marion Kauffman Foundation: Kauffman Knowledge Challenge**

- **Deadline:** May 9, 2019 LOI (anticipated)
- **Grant Range:** up to $400,000 annually for project teams, up to $150,000 annually for individual researchers and up to $30,000 annually for students, student teams, and/or doctoral researchers.

Four Special Interest Areas:

- Technology and the new nature of entrepreneurship
- Barriers to entrepreneurship
- Culture and entrepreneurship
- Causal research on entrepreneurship interventions at scale

Foundation invites proposers to submit white papers for research activities aimed at improving our basic understanding of entrepreneurs and the levers, tools and methods that can advance entrepreneurship in the United States. The Knowledge Challenge is open to proposers conducting research in universities and academic institutions, laboratories, companies, nonprofit organizations and as individuals. Collaborations between academic researchers and entrepreneurs, entrepreneurship support programs and other entrepreneurial ecosystem builders are welcome.

Ford Foundation

- **Deadline:** Rolling for online idea submission
- **Grant Range:** In 2018, 962 grants were given up to $1M plus

Ford Foundation awards grants within seven program areas focused on **challenging inequality**:
- Civic Engagement and Government
- Creativity and Free Expression
- Equitable Development
- Gender, Racial, and Ethnic Justice
- Inclusive Economies
- Internet Freedom
- Youth Opportunity and Learning

The Ford Foundation is always open to new ideas, and invites you to submit yours through a short online form. They will review each one and be in touch within 45 days if they are interested in learning more.

For more information: [http://www.fordfoundation.org/work/our-grants/](http://www.fordfoundation.org/work/our-grants/)

Foundation for Food and Agricultural Research

- **Deadline:** April 19, 2019 LOI
- **Grant Range:** Ranging from $300,000 to $1,000,000

FFAR’s Seeding Solutions Grants are an open call for applicants to submit innovative and transformative research proposals that furthers any of our Challenge Areas, and foster unique partnerships.

- Advanced Animal Systems
- Health-Agriculture Nexus
- Next Generation Crops
- Soil Health
- Sustainable Water Management
- Urban Food Systems

Food and agriculture systems are complex—comprised of many interconnected factors. FFAR’s work in each Challenge Area aims to solve large-scale agricultural problems, while understanding broad implications and impacts. FFAR envisions a world in which ever-innovating and collaborative science provides every person access to nutritious, affordable food grown on thriving farms. It is only by working together, through an interdisciplinary approach, that we can achieve this vision.

For more information: [https://foundationfar.org/seeding-solutions/](https://foundationfar.org/seeding-solutions/)
G. Harold & Leila Y. Mathers Charitable Foundation

- Deadline: Rolling for Initial Queries
- Grant Range: Ranging from $10,000 to $600,000

The G. Harold & Leila Y. Mathers Foundation is primarily interested in supporting fundamental basic research in the life sciences. Support is provided for specific projects from established researchers at top universities and independent research institutions within the United States.

For more information: http://www.mathersfoundation.org/index.php/policies/

Gladys Brooks Foundation

- Deadline: May 31, 2019
- Grant Range: in 2017, the foundation made 18 grant awards ranging from $25K to $300K

The Gladys Brooks Foundation concentrates its grants to support non-profit libraries, educational institutions, hospitals, and clinics.

Grant applications generally will be considered where:
- outside funding is not available;
- the project will be largely funded by the grant, unless the grant request covers a discrete component of a larger project, and
- the funds will be used for capital projects, including equipment or endowments.

For more information: http://www.gladysbrooksfoundation.org/guidelines.html

The Gladys Krieble Delmas Foundation

- Deadline: Rolling
- Grant Range: Typically under $25,000

Humanities Program
Programs in the following areas are eligible: history; archaeology; literature; languages, both classical and modern; philosophy; ethics; comparative religion; the history, criticism, and theory of the arts; and those aspects of the social sciences which share the content and methods of humanistic disciplines. The Foundation welcomes projects that cross the boundaries between humanistic disciplines and explore the connection between the humanities and other areas of scholarship.

Research Libraries Program
The overall objective of the Research Libraries Program is to improve the ability of research libraries to serve the needs of scholarship in the humanities and the performing arts, and to help make their resources more widely accessible to scholars and the general public. Small-scale digitizing is eligible for support when the process is part of a clearly defined and timely scholarly project that incorporates recognized standards for metadata production, for preservation, and for distribution.

For more information: http://delmas.org/
Gruber Foundation: Rosalind Franklin Young Investigator Award

- **Deadline:** May 1, 2019 (anticipated)
- **Grant Range:** $75,000 over 3 years

In recognition of the groundbreaking contributions of Dr. Rosalind Franklin, the Rosalind Franklin Young Investigator Award for research in genetics is intended to inspire and support new generations of women in our field. The awards are made to women in the first one to three years of an independent faculty-level position whose work displays originality and scientific creativity leading to new discoveries. Women may nominate themselves or be nominated by a colleague, mentor, or department. Every three years, two women are chosen to receive the Rosalind Franklin Award, and each awardee receives $75,000 over three years ($25,000 per year). One award funds genetics research in human and non-human mammals, and another award funds genetics research in model organisms.

For more information: [http://www.genetics-gsa.org/awards/rosalind.shtml](http://www.genetics-gsa.org/awards/rosalind.shtml)

Health Foundation of Central Massachusetts: Activation Fund

- **Deadline for LOI:** April 24, 2019
- **Grant Range:** $10,000 to $100,000; in 2018, the average grant size was $71,000

Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

Envisioned somewhat as a venture capital fund, this funding avenue is intended to support discrete projects in Central Massachusetts that activate:
  - Creative and innovative approaches to alleviating community health concerns;
  - Community organizations’ movement to the next level of capacity and effectiveness, which the organization can sustain;
  - Partnerships to address health issues with new strategies;
  - And/or the exploration of emerging health challenges and opportunities.

For more information: [https://www.hfcm.org/The-Activation-Fund-Guidelines/135](https://www.hfcm.org/The-Activation-Fund-Guidelines/135)

Julian Schwinger Foundation for Physics Research

- **Deadline:** Rolling
- **Grant Range:** in 2017, the foundation awarded 6 grants ranging from $50,000 - $134,600

The Julian Schwinger Foundation for Physics Research supports:
  - research and educational activities for which other sources of funding are typically not available. Highest priority is given to theoretical and experimental research on energy concentrating phenomena.
  - scientific workshops, conferences, summer schools and other activities aimed at improving educational opportunities at the undergraduate level and above
  - grants for undergraduate research projects

The application procedure begins with submitting a short Declaration of Intent online at any time.
For more information:  https://schwingerfoundation.org/

➢ **Knight Foundation: Quality Journalism, Media Innovation, Community Engagement & the Arts**

- **Deadline:** Rolling
- **Grant Range:** $10k up to $1M+

The Knight Foundation supports transformational ideas that promote quality journalism, advance media innovation, engage communities and foster the arts. The foundation believes that democracy thrives when people and communities are informed and engaged. To learn more about the type of work the foundation funds, please visit their website at:  http://www.knightfoundation.org.

To apply for funding, the first step is to introduce your idea and your organization. If you are new to the Knight grantee portal, register and start a letter of inquiry. Existing grantees looking to submit a new idea, please log in to the grant portal.

The letter of inquiry is one way to apply for funding but not the only way. Applying to open challenges is a separate process. Learn more about challenges and other funding opportunities.

To go to the Knight Foundation Grantee Portal:  https://knight.fluxx.io/user_sessions/new

➢ **Mabel Louise Riley Foundation**

- **Deadline:** Rolling; submit 45 days before quarterly meetings in Mar, June, Sept and Dec
- **Grant Range:** normally $50,000 to $100,000

The Foundation’s grant making focuses on the city of Boston and vicinity, with occasional support for projects in other areas of Massachusetts.  ● Literacy and afterschool programs for disadvantaged children and adolescents.  ● Programs focused on the character building of children and adolescents.  ● Community development that will benefit low-income and minority neighborhoods, including job development and training, and housing.  ● Citywide efforts in Boston and vicinity that promote cultural improvements and the arts.  ● Grants that, despite some risk, offer a potential of high impact or significant benefits for a community. The Foundation is especially interested in leveraging its grants by funding new programs that can become self-sufficient or which may serve as a model in other geographic areas.

For more information:  http://www.rileyfoundation.com/
Microsoft: AI for Earth Grant

- **Deadline:** April 8, 2019
- **Grant Range:** $5,000 to $15,000

In collaboration with Esri’s outreach team, the Microsoft AI for Earth program awards advanced Microsoft Azure cloud computing resources and powerful Esri GIS tools to individuals and organizations working on environmental and conservation programs aimed towards transforming the way we are currently managing complex environmental challenges.

These awards are intended to drive exploration and discovery by providing innovative data science, spatial analysis, and visualization tools to organizations that are focused on finding solutions to climate change, loss of biodiversity, agricultural cost and yield, and increased water scarcity. Learn more about environmental sustainability at Microsoft.

For more information: [https://www.microsoft.com/en-us/research/academic-program/azure-research-award-ai-earth/](https://www.microsoft.com/en-us/research/academic-program/azure-research-award-ai-earth/)

Microsoft: Genomics for Research

- **Deadline:** April 15, 2019 (anticipated)

The Microsoft Genomics for Research program awards Microsoft Azure cloud computing resources to researchers interested in testing and developing their own next-generation sequencing (NGS) pipelines using the Microsoft Genomics service. Microsoft Genomics is an easy-to-use, scalable cloud service for secondary analysis of genomes. The service is an optimized version of the Broad Institute’s best practices pipeline, BWA-GATK. Learn more about it at [microsoft.com/genomics](https://microsoft.com/genomics).

These awards are intended to drive exploration and discovery by providing an easy-to-use service for secondary analysis of genomes. Outputs can be easily integrated to external tertiary analysis tools, such as Microsoft R Server on HDInsight.


The Morton Cure Paralysis Fund

- **Deadlines:** April 30 and October 31
- **Grant Range:** $5K - $75K

The Morton Cure Paralysis Fund (MCPF) is committed to developing effective therapies (cures) for paralysis associated with spinal cord injury and other disorders of the central nervous system. MCPF supports cutting-edge ideas, enabling researchers to gather the proof-of-concept data needed to pursue multimillion-dollar grants from large financiers such as the National Institutes of Health (NIH), the Christopher Reeve Foundation, and the National Science Foundation. We also place emphasis on collaborative efforts.

It is assumed that MCPF will not be the sole support for any project. Additional sources of funding, both granted and potential, must be listed.

For more information: [http://www.mcpf.org/Pages/Resources.aspx](http://www.mcpf.org/Pages/Resources.aspx)
The foundation is very interested in grant proposals from multidisciplinary groups comprised of basic scientists, clinicians, and experts in bioinformatics, bio-nanotechnology, or other relevant disciplines. Proposals that cover promising and potentially transferable mechanisms and/or technologies, which have been applied successfully to other areas of cancer research, are highly desirable, and will be evaluated based on their level of applicability to NETs.

For more information: https://netrf.org/research/

The Foundation supports one or two-year grants at varying funding levels for the following types of projects:

- **Basic Science**: laboratory research in the basic sciences related to spinal cord injury or disease.
- **Clinical Applications**: clinical and functional studies of new or improved rehabilitative and assistance devices for individuals with spinal cord dysfunction.
- **Design and Development**: design and development of new or improved rehabilitative and assistive devices for individuals with spinal cord dysfunction.
- **Post-doctoral Fellowships**: Fellowships for postdoctoral students in basic science, clinical applications, or design and development intended to encourage training and specialization in the field of spinal cord research.

For more information: https://www.pva.org/research-foundation

Each year the RELX Group Environmental Challenge is awarded to projects that best demonstrate how they can provide sustainable access to safe water or sanitation. Projects must have clear practical applicability, address identified need and advance related issues such as health, education, or human rights.

The RELX Group Environmental Challenge is open to individuals or organizations operating in the not-for-profit and for-profit sectors. Projects must advance sustainable access to safe water where it is presently at risk and/or access to improved sanitation, and include the following criteria:

- Be replicable, scalable and sustainable, and set a benchmark for innovation
- Have practical applicability
- Address non-discrimination/equity of access
- Involve and impact a range of stakeholders
• Have local/community-level engagement

For more information: http://www.relx.com/corporate-responsibility/engaging-others/relx-group-environmental-challenge

➢ Research Corporation for Science Advancement: Cottrell Scholars

• Deadline for Pre-Proposal: April 15, 2019
• Grant Range: $100,000 over 3 years

The Cottrell Scholar Award develops outstanding teacher-scholars who are recognized by their scientific communities for the quality and innovation of their research programs and their academic leadership skills.

Eligible applicants are tenure-track faculty members whose primary appointment is in a department of astronomy, chemistry or physics that offers, the minimum, a bachelor’s degree. For the 2018 proposal cycle, eligibility is limited to faculty members who started their first tenure-track appointment anytime in calendar year 2015.

For more information: http://rescorp.org/cottrell-scholars/cottrell-scholar-award

➢ Rita Allen Foundation: Civic Literacy and Engagement

• Deadline: LOI deadline June 30, 2019 (anticipated)
• Grant Range: 2017 grants ranged from $25,000 to $250,000

The Rita Allen Foundation’s investments include innovative approaches to strengthening civic engagement in the United States through new technology, information, and tools for citizens. Supported projects are nonpartisan, encouraging an informed and vibrant democracy without promoting particular political parties or policies. The Foundation accepts unsolicited Letters of Inquiry (LOIs) twice each year during limited review periods and invites a very small number of organizations submitting LOIs to submit full proposals for further consideration. The Foundation gives priority to organizations working on early-stage, innovative, collaborative projects within its grant-making domains.

For more information: http://ritaallen.org/apply/

➢ Robert Wood Johnson Foundation: Evidence for Action

• Deadline: Rolling LOI
• Grant Range: no explicit range; duration of up to 36 months

Investigator-Initiated Research to Build a Culture of Health, Evidence for Action (E4A), a national program of the Robert Wood Johnson Foundation, funds research that expands the evidence base needed to build a Culture of Health. Our mission is to support rigorously designed quantitative, qualitative, and mixed methods research that yields convincing findings regarding the population health, well-being, and equity impacts of specific policies, programs, and partnerships. We are especially interested in research examining the health impacts of programmatic or policy interventions that address factors outside the domain of health care services or public health practice.

Robert Wood Johnson Foundation: Pioneering Ideas Brief Proposal

- **Deadline:** Rolling - October 15, 2019 by 3 p.m. ET.
- **Grant Range:** $150,000-$350,000

The goal of the Pioneering Ideas Brief Proposal funding opportunity is to explore; to look into the future and put health first as we design for changes in how we live, learn, work and play; to wade into uncharted territory in order to better understand what new trends, opportunities and breakthrough ideas can enable everyone in America to live the healthiest life possible.

While improving the status quo is vital to the health and well-being of millions of Americans now, the Pioneering Ideas Brief Proposal opportunity reaches beyond incremental changes to explore the ideas and trends that will influence the trajectory and future of health.


Russell Sage Foundation: Behavioral Economics

- **Deadline for LOI:** May 23, 2019 and August 19, 2019
- **Grant Range:** up to $175,000 over 2 years

The Russell Sage Foundation's program on Behavioral Economics supports innovative research that uses behavioral insights from psychology and other social sciences to examine and improve social and living conditions in the United States. The foundation seeks investigator-initiated research proposals that will broaden understanding of the social, economic, and political consequences of real-life behaviors and decisions that deviate from the neoclassical economic standards of rationality. The foundation is especially interested in innovative behavioral economics research that contributes to understanding of topics of interest under its other programs—Future of Work; Race, Ethnicity and Immigration; Social Inequality.

For more information: [http://www.russellsage.org/research/funding/behavioral-economics](http://www.russellsage.org/research/funding/behavioral-economics)

Russell Sage Foundation: Race, Ethnicity, and Immigration

- **Deadline for LOI:** May 23, 2019
- **Grant Range:** up to $175,000 over 2 years

The Russell Sage Foundation launched its program on Race, Ethnicity, and Immigration in the spring of 2015. This program seeks investigator-initiated research proposals on the social, economic, and political effects of the changing racial and ethnic composition of the U.S. population, including the transformation of communities and ideas about what it means to be American. The foundation is especially interested in innovative research that examines the roles of race, ethnicity, nativity, and legal status in outcomes for immigrants, U.S.-born racial and ethnic minorities, and native-born whites.

For more information: [https://www.russellsage.org/research/funding/race-ethnicity-immigration](https://www.russellsage.org/research/funding/race-ethnicity-immigration)
Samuel H. Kress Foundation: Digital Resources for the History of Art

- Deadline: April 1, 2019 (also October 1)
- Grant Range: not specified; in 2017, 5 grants were awarded, ranging from $11K to $70K

The Digital Resources program is intended to foster new forms of research and collaboration as well as new approaches to teaching and learning. Support will also be offered for the digitization of important visual resources (especially art history photographic archives) in the area of pre-modern European art history; of primary textual sources (especially the literary and documentary sources of European art history); for promising initiatives in online publishing; and for innovative experiments in the field of digital art history. Please note that this grant program does not typically support the digitization of museum object collections.

For more information: http://www.kressfoundation.org/grants/digital_resources/

Samuel H. Kress Foundation - History of Art Grant Program

- Deadline: April 1, 2019 (also October 1 and January 15th)
- Grant Range: in 2017, awards ranged from $5K to $66K

The History of Art program supports scholarly projects that will enhance the appreciation and understanding of European art and architecture. Grants are awarded to projects that create and disseminate specialized knowledge, including archival projects, development, and dissemination of scholarly databases, documentation projects, museum exhibitions and publications, photographic campaigns, scholarly catalogues and publications, and technical and scientific studies. Grants are also awarded for activities that permit art historians to share their expertise through international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, and other professional events.

For more information: http://www.kressfoundation.org/grants/history_of_art/

Simons Foundation - Targeted Grants for Mathematics and Physical Sciences (MPS)

- Deadline: Rolling for LOI
- Grant Range: There is no recommended funding limit; provides funding for up to 5 years

The Targeted Grants in MPS program is intended to support high-risk projects of exceptional promise and scientific importance on a case-by-case basis.

For more information: https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/

Spencer Foundation – Small Research Grants

- Deadline: May 1, 2019 (also August 1, November 1, and February 1, 2020)
- Grant Range: $50,000 or less

This program aims to fund academic work that will contribute to the improvement of education, broadly conceived. Historically, the work funded through these grants has spanned a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods.
For more information: [http://www.spencer.org/small-research-grants](http://www.spencer.org/small-research-grants)

➢ **Spencer Foundation: Lyle Spencer Research Awards**

- Deadline: late-May 2019 for LOI (anticipated)
- Grant Range: up to $1,000,000

The Spencer Foundation aims to reinforce commitment to intellectually ambitious research, oriented ultimately to improving the **practice of education**, and independent of any particular reform agendas or methodological strictures.

For more information: [http://www.spencer.org/lyle-spencer-research-awards-program-statement](http://www.spencer.org/lyle-spencer-research-awards-program-statement)

➢ **Susan G. Komen – Career Catalyst Research (CCR) Grants**

- Deadline: Opens June 2018 submission August 1, 2019 for LOI (anticipated)
- Grant Range: $450,000 combined direct and indirect costs for up to 3 years

CCR Grants provide unique opportunities for scientists who have held faculty positions for **no more than five years** by the Application due date (anticipated to be August 22, 2019. CCR grants provide support for hypothesis-driven research projects that will lead to a reduction in breast cancer deaths by 2026.

For more information: [https://ww5.komen.org/ResearchGrants/FundingOpportunities.html](https://ww5.komen.org/ResearchGrants/FundingOpportunities.html)

➢ **Thome Memorial Foundation Awards Program: Age-Related Macular Degeneration Research**

- Deadline: May 25, 2019 (anticipated)
- Grant Range: $500,000 over two years

Successful research proposals will extend recent basic research findings regarding the underlying mechanisms of AMD. Examples of funding areas include, but are not limited to, genetically engineered animal models, the discovery and testing of small molecule therapies directed at promising targets including immune-, inflammation-, or lipid-related pathways associated with AMD, local drug delivery systems, and neuroprotective strategies. Basic research and clinical trials are outside the scope of this Program. However, clinical studies that involve the evaluation of new imaging modalities with no potential risks to human subjects are eligible.

For more information: [https://hria.org/tmf/thomeamd/](https://hria.org/tmf/thomeamd/)
➢ Toyota USA Foundation Grants

• Deadline: Rolling  
  • Grant Range: minimum of $50,000

The Toyota U.S.A. Foundation supports K-12 education programs with a focus on math, science and environmental science. The Foundation partners with leading organizations and institutes serving diverse populations across all 50 states.

For more information: https://www.toyota.com/usa/community/articles/community_grants_foundation.html

➢ VentureWell BMEidea (Lemelson Foundation)

• Deadline: April 3, 2019  
  • Grant Range: up to $10,000

There is a limit of one entry per department and up to three entries per institution. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

BMEidea challenges graduate and undergraduate students to pioneer a health-related technology that addresses a real clinical need. Competition entries are judged on:

- Technical, economic and regulatory feasibility
- Contribution to human health and quality of life
- Technological innovation
- Potential for commercialization

All prizes are awarded as unrestricted gifts to the winners’ universities. Funds are disbursed to each of the winning teams’ departments to be allocated at the discretion of the Faculty Advisor.

For more information: https://venturewell.org/bmeidea/

➢ VentureWell E-Team Program (Lemelson Foundation)

• Deadline: May 8, 2019  
  • Grant Range: up to $25,000

VentureWell defines an E-Team as a multidisciplinary group of students, working with a faculty mentor, to bring a technology-based invention (product or service) to market. The “E” stands for entrepreneurship. The E-Team Program is an integrated program of grant funding, training, coaching, and investment. The mission: to give student teams the best possible chance to move technologies out of the lab or classroom and into the marketplace. E-Teams selected to participate will have the opportunity to secure up to $25,000 in grant funding, attend required workshops (Stage 1 and Stage 2), and receive coaching from VentureWell. Grant funds are awarded to the applying team’s institution.

For more information: https://venturewell.org/e-team-grant-program/
Whitehall Foundation: Research Grant-in-Aid

- Deadlines for LOI: January 15, April 15, October 1
- Grant Range: up to $30,000 over 1 year

The Foundation is currently interested in basic research in neurobiology, defined as follows: **Invertebrate and vertebrate (excluding clinical) neurobiology**, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior.

The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists.

For more information: [http://www.whitehall.org/grants/](http://www.whitehall.org/grants/)

Whitehall Foundation - Research Grants

- Deadline for LOI: January 15, April 15, October 1
- Grant Range: up to $225,000 over 3 years

The Foundation is currently interested in basic research in neurobiology, defined as follows: **Invertebrate and vertebrate (excluding clinical) neurobiology**, specifically investigations of neural mechanisms involved in sensory, motor, and other complex functions of the whole organism as these relate to behavior.

Research grants are available to established scientists who have not received, or do not expect to receive, substantial support from other sources, even if it is for an unrelated purpose.

For more information: [http://www.whitehall.org/grants/](http://www.whitehall.org/grants/)

W.T. Grant Foundation: Research Grants

- **Deadlines**: May 1, 2019 and August 1, 2019
- **Grant Range**: $100,000 to $600,000 over 2 to 3 years.

Since its founding in 1936, the William T. Grant Foundation has worked to further the understanding of human behavior through research. Today, the foundation supports high-quality research that is relevant to policies and practices that affect the lives of young people ages 5 to 25 in the United States. The foundation funds research that increases understanding in one of our two focus areas:

- programs, policies, and practices that **reduce inequality** in youth outcomes, and
- strategies to **improve the use of research evidence** in ways that benefit youth.

The foundation seeks research that builds stronger theory and empirical evidence in these two areas. The foundation intends for the research we support to inform change. While the foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

For more information: [http://wtgrantfoundation.org/grants/research-grants](http://wtgrantfoundation.org/grants/research-grants)
Deadlines: Online application is open April 30; all applications must be received by July 2, 2019
Grant Range: $350,000 over 5 years.

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. Contact your Department Head and WPI Foundation & Corporate Philanthropy at least one month prior to the application deadline.

The William T. Grant Scholars Program supports career development for promising early-career researchers who are within seven years of receiving their terminal degree. The program funds five-year research and mentoring plans that significantly expand junior researchers’ expertise in new disciplines, methods, and content areas. The foundation recognize that early-career researchers are rarely given incentives or support to take such risks, so this award includes a mentoring component, as well as an emphasis on community and collaboration.

Scholars Program applicants should have a track record of conducting high-quality research and an interest in pursuing a significant shift in their trajectories as researchers. Proposed research plans must address questions of policy and practice that are relevant to the foundation’s focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

For more information: http://wtgrantfoundation.org/grants/william-t-grant-scholars-program

Three Addition Resources for Grant-Seekers:
❖ ProposalCENTRAL Opportunities (https://proposalcentral.altum.com/opportunities.asp)
❖ Foundation Directory Online*
❖ PIVOT*

*Available through the WPI library’s online databases