REQUEST FOR APPLICATIONS: Pilot Project Proposal ReBUILDetroit

Notice Number: ReBUILD-II Year (2019-2020)

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Time-lines and Due Dates:

Letter of Intent	Requested by February 1, 2020
Full Proposals Due to BUILD RE Core:	Extended to February 17, 2020, 5 pm
Internal Review (Suitability of Proposals)	February 17, 2020
Applications Sent out for External Reviews	February 28, 2020
Internal Panel Ranking Complete/ P.I. Review and Funding Decisions:	March 30, 2020
Submission of Proposals to NIH:	April 6, 2020
NIH Approval of Projects:	May 4, 2020
Funding Period Begins:	May 15, 2020
Biannual Reports	Reports will be due Nov. 1 and May 1 for the duration of the project . The final report is due 30 days after the end date of the project.

Requirements and Instructions

Letters of intent (requested by February 1) should be submitted via Webform at:

https://waynestate.az1.qualtrics.com/jfe/form/SV_e8nezh0PQM6ReHb

Submission

Complete applications need to be submitted as a single PDF through an electronic submission system.

https://waynestate.az1.qualtrics.com/jfe/form/SV_9yo5efWRSxZ1rZb

All proposals should follow the format and page limits for an NIH R03 grant application. General information about the NIH R03 funding mechanism can be found at:

http://grants.nih.gov/grants/funding/r03.htm

Please note that NIH guidelines have changed as of January 2016. NIH now requires proposals to discuss "rigor and reproducibility" if applicable to the proposed work. This RFA follows the format of an NIH R03 grant; therefore, NIH's guidelines for including text on rigor and reproducibility are relevant. Please review them here:

http://grants.nih.gov/reproducibility/index.htm

Page limitations for the R03 funding mechanism are available at:

http://grants.nih.gov/grants/forms_page_limits.htm

IRB approval is required prior to award, but is not necessary at the time of proposal submission (see IRB Process section).

PART I: Overview of ReBUILDetroit Pilot Project Program

Section I. Overview

Issued by ReBUILDetroit Project, funded by the National Institutes of Health.

Section II. Purpose of ReBUILDetroit:

The long-term objective of the ReBUILDetroit project (Research Enrichment Building Undergraduate Infrastructure Leading to Diversity) is to synergize faculty and resources from University of Detroit Mercy and Wayne State University to support the development of innovative undergraduate research training programs that will increase the number of undergraduate and underrepresented students pursuing biomedical, behavioral, social, and clinical research careers. The strategies for institutional development used in the ReBUILD project are based on the persistence model for STEM education, which posits that motivation and confidence are mutually reinforcing as students learn science through active learning in introductory courses, early engagement in authentic research experiences, and participation in

learning communities. Specifically, the ReBUILDetroit Project will result in creation of a novel curricular pathway for students with courses that embed research into the curriculum, emphasis on early entry into mentored research experiences, alignment of culturally relevant student programs and services to support them, and development of new research-oriented learning communities in which they will participate. ReBUILDetroit will also expand cooperation between the partner institutions to provide greater curricular alignments, articulation agreements, inter-institutional communities for research, mentoring and engaging with faculty.

Section III. Purpose of Pilot and Collaborative Projects and Bridge Awards:

The goals of creating the Pilot Project mechanism through the ReBUILDetroit grant are to stimulate development of research activity, especially at the Primary Undergraduate Institutions (PUI). This includes stimulating the ability of faculty and students 1. to access funding opportunities through federal agencies, 2. gain experience in writing an NIH application, 3. to go through a rigorous proposal review process, 4. to gain experience designing a fundable research question, and 5. to allow faculty to gather preliminary data for future research funding. Any biomedical research that could potentially be funded by NIH is relevant for this mechanism—basic science, translational medicine, clinical medicine, social science research, population health, and other related fields are of interest.

Pilot projects are ideal mechanisms through which to engage underrepresented students in research careers by embedding them in research communities in order to foster and extend their understanding of and interest in research. Becoming part of a research project in which they ideally will answer their own research questions will also provide a clearer pathway to graduate-level research programs.

A **Bridge Award** is designed to allow previous recipients of Pilot grants, research or curriculum based, to request up to $5000 for one year to complete the original project. If the original proposal was research based, the applicant should clearly articulate how the funds will be used to publish the original work and leverage it towards a full proposal to Federal agencies. For recipients of a curriculum-based grant, dissemination of the course and its outcomes remain a priority, as well as a description of how the course has been, or will be, integrated and sustained in the PUI setting.

PART 2. Full Text of Announcement

Section I. Funding Opportunity Description

Pilot and Collaborative Research Projects

Research pilot and collaborative project proposal mechanism for the ReBUILDetroit pilot project grant is similar to an NIH R03, supporting discrete, well-defined projects that can be completed in a 12-24 month time period. The maximum amount awarded for a pilot or collaborative proposal is $25,000 USD in direct costs, though any direct cost amount between $5,000-$25,000 USD can be requested. For collaborative proposals across institutions, indirect costs included on a collaborator's sub-award budget ("consortium/contractual F&A") are excluded

from the overall direct cost limit. Please see eligibility section for details on collaborations and eligibility of PIs and Co-PIs. It is anticipated that 3-4 research pilot or collaborative proposals will be funded, depending on the quality of the applications, amount requested and the available budget.

Examples of the types of projects the Pilot and Collaborative mechanism will support are:
- Small, self-contained research projects
- Feasibility studies
- Secondary analyses of existing data
- Projects that will develop a research methodology
- Development of a new research technology

Because the research plan is restricted to 6 pages, not including the one-page mentoring plan, an R03-type grant application will not have the same level of detail or extensive discussion as an R01 application. Accordingly, reviewers will evaluate the conceptual framework and general approach to the problem, placing less emphasis on methodological details and certain indicators traditionally used in evaluating the scientific merit of R01 applications including supportive preliminary data. Appropriate justification for the proposed work can be provided through literature citations, data from other sources, or from investigator-generated data. Preliminary data are not required but if available can be included. Preliminary data are not required but highly encouraged. Significance of proposed work to the field of study, as well as any innovation (conceptual and/or methodological) should be well articulated.

One of the major goals of pilot projects is to help train and develop ReBUILD faculty and scholars so that they are well prepared to succeed in biomedical research careers. Funded pilot projects should provide BUILD Scholars and faculty direct experiential learning opportunities for research development. Applications should specifically address how BUILD Scholars will participate in the project.

Applicants are encouraged during the development phase of their project to contact the individuals listed in Section VIII. Scientific/Research Institutional Contacts to see if their research question is appropriate. In addition, applicants will have the opportunity to ask questions during the technical assistance workshops. Participation in these workshops is strongly encouraged.

Bridge Award

Applicants previously supported by this mechanism can apply for bridge support on the same project (i) as long as there is no significant carryover of funds (<10% of awarded) from the past fiscal year and (ii) no major external grant (e.g., R03, R21, R01 or similar award) was awarded for the same project resulting from this support. Projects will be handled as an NIH Administrative supplement with a two page maximum. Funding can be requested for up to a 12 month period with a maximum award of $5000 in direct costs. Bridge awards are linked to the previous award and are intended to provide extra time to help convert the original work into a publication and/or submission of grant proposals. Emphasis is placed on the preliminary data and outcomes of work under the original award as well as the scope of work required to convert the work into a publication and/or grant proposal submission. One section should describe a path towards submission of a proposal to a federal agency for extramural funding and another section should discuss strategies for dissemination of results and outcomes via publications. Recipients of a curriculum-based pilot are expected to describe strategies for submitting

publications describing the course and its outcomes, as well as define how the course has been or will be integrated and sustained within the PUI.

Letter of Intent

A Letter of Intent (LOI) is requested in order to submit the full proposal. LOIs will not be used to weed out any applications. Everyone who submits an LOI is welcome to submit a full proposal. The LOI MUST contain the following information:

- Title of project
- Project Type (Pilot/Collaborative/Course Development)
- Names of potential co-investigators (not binding)
- Names of collaborating institutions
- Names of 2 study sections at NIH to which this project or one very similar in the type of research question asked, could be submitted (http://public.csr.nih.gov/StudySections/Standing/Pages/default.aspx)
- Names and email addresses of two potential reviewers of the proposed work, none of whom are at a ReBUILDetroit institution.

Once the topic has been submitted it cannot be changed entirely, but can be altered slightly.

Letters of intent should be submitted via Webform at:

https://waynestate.az1.qualtrics.com/jfe/form/SV_e8nezh0PQM6ReHb

Section II. Award Information

Funding Instrument

Funds will be dispersed through the NIH-funded ReBUILDetroit Grant. Therefore, recipients must be eligible to receive federal funding (http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-016.html#_3._Additional_Information)

Application Types Allowed

Pilot Award (Individual PI)

For an investigator with limited funding but record of research publications, this mechanism will provide seed money to obtain data necessary to apply for federal research grants. It is expected that results from this project will lead to submission of an NIH or NSF research proposal (such as R15, R21, or R01) within two-years of receiving the award to provide sustainability of the project. Allowable expenses include faculty summer salary (1 month per year), cost of course-load reduction (up to 2 courses over the period of the award), instrumentation usage such as NMR, MS, etc. (at WSU or elsewhere), and supply costs. Grants will be in the structure of an R03 project mechanism with a research strategy section limited to 6 pages. Research projects are

expected to be high impact and address a research question of broad interest to the field. Proposals should describe how BUILD Scholars will be involved in the project.

Collaborative Award (Multi-PI)

This grant mechanism will be for projects that are joint between faculty members at University of Detroit Mercy and Wayne State University. Allowable expenses include faculty summer salary (1 month per year), cost of course-load reduction (up to 2 courses over the period of the award; for PUI faculty only), instrumentation usage such as NMR, MS, etc. (at WSU or elsewhere) and supply costs. Summer salary can be allocated to both faculty, although research faculty can choose to allocate the money to a graduate student or post-doc if (s)he wishes. Grants will be in the structure of an R03 project mechanism with a research strategy section limited to 6 pages. Research projects are expected to be high impact and address a research question of broad interest to the field. It is expected that results from this project will lead to submission of an NIH or NSF research grant proposal (such as R15, R21 or R01) within two-year of receiving the award to provide sustainability of the project. If applicable, proposals should describe how BUILD Scholars will be involved in the project.

Bridge Awards

Applicants who submitted proposals and were funded during 2017 or 2018 ReBUILDetroit Pilot Project program are eligible to request Bridge funding. Please describe (2-page limit) clearly how additional funds will further propel the research proposed in original application. In addition, accompanying progress reports are required. Other faculty who need smaller amounts of funding to complete their research projects but did not receive ReBUILDetroit funds are also eligible. Two pages of justification will be required how funds will be utilized and how it would help them to get extramural funds.

Note: Bridge awards are only for previously funded proposals or those who needs smaller funds to complete a pending research work. Proposal, which have been reviewed but not funded needs to send as NEW proposal along with response to reviewer's comments and highlighting changes in revised proposal.

Proposal Review Process

Each proposal will be evaluated by at least 3 reviewers including 1-2 external scientists (or educators for the Course Development Awards) and then discussed in a panel including both internal and external members. A written summary of the review discussion will be provided along with a ranking/prioritization of the proposals by the panel. The review panel will make recommendations to the Steering Committee and the Co-PIs will then make the final decision for transmission to the appropriate NIH representative.

Anticipated # of Awards

The number of Pilot and Collaborative awards funded will be 3-4, dependent on merit of applications, amount requested and the available budget

Award Budget

The budget for the project may not exceed $25,000 in direct costs for Pilot and Collaborative awards.

Allowable expenses will include items such as salary and fringe, summer wages, research supplies, travel, and publication costs. Indirect costs should NOT be included in the proposal budget. For budget development questions, contact your institutional research administrator/business official.

For budget development for collaborative proposals, please consult with the Sponsored Programs office at all institutions to ensure that submission rules are met.

Pilot project funds cannot be used to compensate or provide support to BUILD Scholars GLCAs or PTFs because these students and trainees receive support from a separate award mechanism. Only non-BUILD students may receive compensation for services rendered from Pilot Project funds.

Award Period

The total project period may not exceed two years. No-cost extensions will not be granted.

Section III. Eligibility Information

1. Eligible Organizations and Eligible Individuals

Faculty at any institution in the ReBUILDetroit consortium are eligible to apply under one of the following options.

1) Pilot project: Faculty from any college or school of University of Detroit Mercy pursuing biomedical research.
2) Collaborative awards: These applications must include at least one co-investigator from both University of Detroit Mercy and Wayne State University (research partner).
3) Bridge awards: (1) Past recipients of Pilot/Collaborative/Curriculum awards across the ReBULDetroit consortium are eligible. (2) UDM faculty member who needs smaller amounts of funding to complete their research projects in order to apply for extramural funds, are also encouraged.

Teams that include investigators from multiple ReBUILDetroit institutions (UDM, WSU, Henry Ford) may receive preference if two grants score similarly. Junior faculty may receive preference for funding when projects that score similarly are ranked. That is, scientific merit will be the first and most important criterion but if projects receive similar scores, PIs who are considered "early stage" under NIH criteria (visit https://grants.nih.gov/policy/early-investigators/index.htm for guidance on who qualifies as an early stage investigators) or who are not yet tenured may receive a preference in the final ranking when all else is equal.

Registrations

PIs must work with their institutional officials to register with the eRA Commons or ensure their existing eRA Commons account is affiliated with the eRA Commons account of the applicant organization. Registrations must be complete by the final submission due date, 02/10/2020.

We encourage PIs to complete these registrations at least 3 weeks prior to the application due date.

2. Multiple Principal Investigators

This mechanism will not allow multiple Principal Investigators. Co-investigators are welcome.

3. Number of Applications

Applicants may only submit one application, but an investigator may partner on more than one application, provided he or she is not the Principal Investigator on more than one.

Section IV. Application and Submission Information

1. Application Package
The package is available via the website below.

https://www.grants.gov/web/grants/search-grants.html?keywords=PA-19-052

Applicants should complete internal approval processes at their own institutions before submitting proposals. This process often takes several days and individuals must plan ahead to meet all necessary deadlines.

2. Content and Form of Application Submission

Proposals must follow the format of an R03, which uses the instructions in the SF424 (R&R) Application Guide, except where instructed in this funding opportunity announcement to do otherwise. Conformance to the requirements in the Application Guide is required and strictly enforced. Applications that are out of compliance with these instructions may be delayed or not accepted for review.

Page Limitations

All page limitations described in the SF424 Application Guide and the Table of Page Limits must be followed (https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/page-limits.htm). The 6-page research plan does not include the response to prior review comments or the one-page mentoring plan but does include a required dissemination plan.

Biosketch

Biosketches (http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-032.html) are required for each investigator and each student and are limited to 5 pages each.

Research Plan Component

All instructions in the SF424 (R&R) Application Guide must be followed, with the following additional instructions:

Memorandum of Understanding

If a collaboration involves a second institution, a memorandum of understanding from the collaborating institution on appropriate institutional letterhead will be required.

Resource Sharing Plan

Individuals are required to comply with requirements for Resource Sharing Plans (Data Sharing Plan, Sharing Model Organisms, and Genome Wide Association Studies; GWAS) as outlined in the SF424 (R&R) Application Guide.

Mentoring Plan

Mentoring Plans are required for any project on which trainees participate. Trainees include: BUILD Scholars, Undergraduate Researchers other than BUILD Scholars, Graduate Students or Post-doctoral trainees. Mentoring plans are limited to 1-page that is not part of the research plan. The mentoring plan should include details regarding how the faculty team will support the intellectual, professional and career development students and other trainees working under the direction of the PI. The mentoring plan will receive a separate score. The mentoring plan is not required for course development proposals unless graduate students or post-doctoral trainees are involved. For mentors with limited experience training students, describe how the ReBUILDetroit Mentor Training professional development opportunities will be part of the plan to help you mentor the BUILD Scholars with whom you will be working.

Dissemination Plan

A dissemination plan is required as part of the research plan. It will be part of the 6-page limit.

Appendix

No appendices or supplemental materials will be allowed.

References

References should follow the format required for an SF424 and are not part of the 6-page limit.

3. Submission Dates and Times

The Overview contains information about Key Dates. Applicants are encouraged to submit in advance of the deadline to ensure they have time to make any application corrections that might be necessary for successful submission.

4. Funding Restrictions

All ReBUILDetroit Pilot Project awards are subject to the same terms and conditions as the UL1 Institutional Core parent grant. Pre-award costs are not allowed and projects may not commence until formal approval has been given by NIH.

Pilot project funds cannot be used to compensate or provide financial support to ReBUILDetroit students/trainees. Only non-BUILD Scholars may receive compensation for services rendered.

5. Other Submission Requirements and Information

IRB and IACUC approvals

IRB & IACUC approvals (http://grants.nih.gov/grants/how-to-apply-application-guide/forms-d/supplemental-instructions-forms-d.pdf), if applicable, are required before the final selected proposals are submitted to NIH for approval. If applicable, Human Subjects Training (e.g. that offered by CITI) must be completed **when the PI Panel Confirms Awards. Please note that Course Development Projects are considered Human Subjects Research as students will be involved and data will be collected. Projects must be cleared through IRB before they can begin.**

Section V. Application Review Information: PILOT and COLLABORATIVE PROPOSALS

1. Criteria for New/Revised Pilot Grants

Only the review criteria described below will be considered in the review process. For this particular announcement, note the following:

The ReBUILDetroit RFA will support projects that can be completed in 12 months. Because the scope of a pilot project usually is limited, these grant applications do not have to contain extensive detail or discussion. Accordingly, reviewers should evaluate the conceptual framework and general approach to the problem. Appropriate justification for the proposed work can be provided through literature citations, data from other sources, or from investigator-generated data. Preliminary data are not required.

Overall Impact

Reviewers will provide an overall impact/priority score to reflect their assessment of the likelihood of the project exerting a sustained, powerful influence on the research field(s) involved, per NIH's system.

http://grants.nih.gov/grants/peer/guidelines_general/scoring_system_and_procedure.pdf

Reviewers will also use the following scored review criteria as applicable for the project proposed.

Scored Review Criteria

Reviewers will follow NIH's scoring criteria, with a few additions and amendments.

http://www.niaid.nih.gov/researchfunding/grant/strategy/pages/5scoring.aspx

Reviewers will consider each of the review criteria below in the determination of scientific merit, and give a separate score for each. An application does not need to be strong in all categories to be judged likely to have major scientific impact. For example, a project that by its nature is not innovative may be essential to advance a field.

Significance

Does the project address an important problem or a critical barrier to progress in the field? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field? Will the proposal yield new opportunities for external funding in future? New NIH guidelines on rigor suggest describing "the scientific premise for the proposed project, including consideration of the strengths and weaknesses of published research or preliminary data crucial to the support of your application. Weaknesses in scientific rigor or gaps in transparency that preclude the assessment of scientific rigor should be acknowledged."

Investigator(s)

Are the PIs, collaborators, and other researchers well suited to the project? If Early Stage Investigators or New Investigators, or in the early stages of independent careers, do they have appropriate experience and training? If established, have they demonstrated an ongoing record of accomplishments that have advanced their field(s)? If the project is collaborative, do investigators have complementary and integrated expertise? If senior investigators are included, do they have the desire to train and mentor junior faculty and students? Does the project involve cross-departmental collaboration within the PI's institution? If so, this may be part of the funding decision as inter-departmental collaboration is key to building institutional capacity for research; however, scientific merit is the first and most important consideration for funding.

Innovation

Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions proposed?

Approach

Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project in the one-year time frame? Are potential problems, alternative strategies, and benchmarks for success presented? If the project is in the early stages of development, will the strategy establish feasibility and will particularly risky aspects be managed? Reviewers will be using NIH's new guidelines on rigor and reproducibility, including questions such as 1) "Have the investigators presented strategies to ensure a robust and unbiased approach, as appropriate for the work proposed?" and 2) "Have the investigators presented adequate plans to address relevant biological variables, such as sex, for studies in vertebrate animals or human subjects?

If the project involves clinical research, are the plans for 1) protection of human subjects from research risks, and 2) inclusion of minorities and members of both sexes/genders, as well as the inclusion of children, justified in terms of the scientific goals and research strategy proposed? Is there a dissemination plan and can it be undertaken in a reasonable time line with concrete goals and objectives?

Training and mentoring

Will the project stimulate new research opportunities for junior and/or senior faculty and for students? Does the mentoring plan required for pilot and collaborative proposals fully outline appropriate mentoring activities for an undergraduate student and does it include adequate oversight of other people who may be mentoring the student other than the PI? Does the proposal include research-training strategies for ReBUILD Scholars or other students who will be directly involved in data collection and analyses? Does the research plan include opportunities for at least one junior investigator to obtain preliminary data for extramural grant applications, collaborations among colleagues at ReBUILD partner institutions, and plans for pursuing extramural funding in priority research areas for NIH?

The questions "How will this proposal advance the research infrastructure at the primary and/or collaborating institutions?" "How will students be mentored through this research project?" and "How will the proposed work advance the careers of junior and/or senior faculty?" should be answered explicitly in the training and mentoring section and wherever else applicable.

Environment and Institutional Enrichment

Will the scientific environment in which the work will be done contribute to the probability of success? Is collaboration with another ReBUILDetroit Institution part of the research? How will those collaborators be part of the project? What form, specifically, will collaboration take, and are these collaborations appropriately budgeted?

As applicable for the project proposed, reviewers will evaluate the following additional items while determining scientific and technical merit, and in providing an overall impact/priority score, but will not give separate scores for these items.

1. Potential for the project to yield necessary preliminary data to allow future applications for competitive grant support (e.g., R03, R01, R18, R21, Career Development Awards, F31 Fellowships, and others).
2. Potential for research to contribute to the elimination of health disparities by increasing the number of trained underrepresented researchers conducting research in NIH priority areas or by increasing knowledge that will contribute to advances in health for underrepresented populations.

2. **Criteria for Bridge Award**

Productivity of the PI, prior progress reports and future trajectory of the project.

Protections for Human Subjects

For research that involves human subjects but does not involve one of the six categories of research that are exempt under 45 CFR Part 46, the committee will evaluate the justification for involvement of human subjects and the proposed protections from research risk relating to their participation according to the following five review criteria: 1) risk to subjects, 2) adequacy of protection against risks, 3) potential benefits to the subjects and others, 4) importance of the knowledge to be gained, and 5) data and safety monitoring for clinical trials.

For research that involves human subjects and meets the criteria for one or more of the six categories of research that are exempt under 45 CFR Part 46, the committee will evaluate: 1) the justification for the exemption, 2) human subjects involvement and characteristics, and 3) sources of materials. For additional information on review of the Human Subjects section, please refer to https://grants.nih.gov/policy/humansubjects.htm.

Inclusion of Women, Minorities, and Children

When the proposed project involves clinical research, the committee will evaluate the proposed plans for inclusion of minorities and members of both genders, as well as the inclusion of

children. For additional information on review of the Inclusion section, please refer to the Human Subjects Protection and Inclusion Guidelines.

Vertebrate Animals

The committee will evaluate the involvement of live vertebrate animals as part of the scientific assessment according to the following five points: 1) proposed use of the animals, and species, strains, ages, sex, and numbers to be used; 2) justifications for the use of animals and for the appropriateness of the species and numbers proposed; 3) adequacy of veterinary care; 4) procedures for limiting discomfort, distress, pain and injury to that which is unavoidable in the conduct of scientifically sound research including the use of analgesic, anesthetic, and tranquilizing drugs and/or comfortable restraining devices; and 5) methods of euthanasia and reason for selection if not consistent with the AVMA Guidelines on Euthanasia. For additional information on review of the Vertebrate Animals section, please refer to the Worksheet for Review of the Vertebrate Animal Section.

Biohazards

Reviewers will assess whether materials or procedures proposed are potentially hazardous to research personnel and/or the environment, and if needed, determine whether adequate protection is proposed.

Authentication of Key Biological and/or Chemical Resources

For projects involving key biological and/or chemical resources, reviewers will comment on the brief plans proposed for identifying and ensuring the validity of those resources, per NIH's new guidelines.

Budget and Period of Support

Reviewers will consider whether the budget and the requested period of support are fully justified and reasonable in relation to the proposed research.

2. Review and Selection Process

The ReBUILD Pilot Project Program will replicate the NIH review process for extramural funding, with certain important modifications. The Panel will occur via teleconference. However, all applications that are complete and responsive to application guidelines will be reviewed and scored. Junior faculty not familiar with the NIH peer-review process can learn about it here:

https://www.youtube.com/watch?v=fBDxI6l4dOA&feature=youtu.be

Applications will be evaluated for scientific and technical merit, as well as on all other criteria described above.

Section VII. Award Administration Information

1. Administrative and National Policy Requirements

All NIH grant and cooperative agreement awards include the NIH Grants Policy Statement as part of the Notice of Award. For these terms of award, see the NIH Grants Policy Statement Part II: Terms and Conditions of NIH Grant Awards, Subpart A: General and Part II: Terms and Conditions of NIH Grant Awards, Subpart B: Terms and Conditions for Specific Types of Grants, Grantees, and Activities. More information is provided at Award Conditions and Information for NIH Grants.

2. Reporting Requirements

To ensure that the goals of the ReBUILD Pilot Project Program are met, all awardees will submit Biannual progress reports describing their accomplishments toward project completion (see Key Dates). In addition, investigators will submit a final report summarizing both the research and training elements of the project. Reports should document the ways in which the funded project stimulated research productivity with respect to new proposals for external support, scholarly publications, and presentations at academic conferences that are attributable to the work, as well as other details and deliverables detailed in the Notice of Award and in the biannual report form. Project reports will be submitted via webform. A template for these reports will be available at least one month in advance of the initial progress report.

3. Expectations for Project Deliverables

Faculty and institutional development initiatives to increase research capacity and infrastructure, so that more undergraduate research training opportunities will be available to traditionally underrepresented students pursuing biomedical, behavioral, social, and clinical research careers, are an important part of ReBUILDetroit. ReBUILD Pilot Project grants are meant to support faculty in developing and implementing research projects that provide a foundation, through preliminary data and feasibility testing, for future successful proposals for external funding from federal agencies.

ReBUILDetroit Pilot

Projects also are intended to support faculty career development with respect to generating and disseminating high quality research. In keeping with these overarching aims, the following are general expectations of all funded ReBUILD Pilot Project investigators:

- Identify external funding opportunities to continue your research
- Complete and share a rough draft of a grant application
- Develop a dissemination plan for pilot project findings
- Present pilot project findings at the ReBUILD Research Day Symposium
- Submit journal manuscript(s) based on pilot project research
- Register on NRMNet (to be a mentor and/or to receive a mentor)
- Participate in ReBUILD Pilot Project workshops, including an orientation workshop for grantees (time/location TBD), where award requirements and general expectations will be discussed.

Section VIII. Institutional Contacts

Ashok Kumar – Co-PI ReBUILDetroit
akuma@wayne.edu, 313-577-6213

Katherine Snyder – PI, ReBUILDetroit
snyderke@udmercy.edu; (313) 993-3362

Ann Serra – OSPRA, University of Detroit Mercy
serraam@udmercy.edu ; (313) 993-1544

Tyeresa Stevenson – Program Manager, ReBUILDetroit
gambindd@udmercy.edu; 313-993-1655

Application Checklist

APPLICATION PACKAGE	COMPLETED
SF 424 (R&R)	
PHS 398 Research Plan	
Specific Aims	
Research Strategy	
Separate one-page Mentoring Plan	
Human Subjects Sections (if applicable)	
Protection of Human Subjects	
PHS Inclusion Enrollment Report	
Inclusion of Women and Minorities	
Inclusion of Children	
Other Research Plan Sections (if applicable)	
Vertebrate Animals (if applicable)	
Consortium/Contractual Arrangements (if applicable)	
Letters of Support (if applicable)	
Resource Sharing Plan	
Authentication of Key Biological and/or Chemical Resources (if applicable)	
PHS 398 Cover Page Supplement	
SF 424 (R&R) Senior/Key Person Profile Form	
Biographical Sketch(es)	
SF 424 (R&R) Other Project Information Form	
Project Summary/Abstract	
Project Narrative	
Bibliography and References Cited	
Facilities & Other Resources	
Other Attachments (Mentoring Plan)	
SF 424 (R&R) Project/Performance Site Locations Form	
Research & Related Budget	
Budget Justification (personnel and non- personnel costs)	
INTERNAL FORMS & PROCESSES COMPLETED	
Institutional Approval Form	
Internal Detailed Budget	
Subrecipient Assurance Form (if applicable)	
Subrecipient Detailed R & R Budget and Justification (if applicable)	
Subrecipient Statement of Work (if applicable)	