PILOT GRANT PROGRAM

Eligibility Requirements & Application Guidelines
Round 20

Application Deadline: 12:00 PM (NOON) on Friday, March 11, 2016

MICHIGAN INSTITUTE FOR CLINICAL & HEALTH RESEARCH
UNIVERSITY OF MICHIGAN

MICHR Pilot Grant Program
http://www.michr.umich.edu/funding/pilotgrant

UMMS Competition Space
https://umms.infoready4.com/
Part 1. Overview Information

The Michigan Institute for Clinical & Health Research (MICHR) is here to enable clinical & translational research at the University of Michigan. Our vision is to be a catalytic partner for clinical and translational researchers at the university, resulting in improved health for local, national and global communities.

MICHR’s Pilot Grant Program (PGP) provides funding to assist early career, basic, clinical, and social scientists for bench-to-bedside and bedside-to-practice translational research. The goal is to promote development of novel solutions that will ultimately improve patient and community health outcomes. In addition to clinical and translational research, we welcome proposals for studies on health services, health outcomes, and health policy that inform practice, development and testing of new hypotheses or interventions, as well as proposals relevant to developing new methods or best practices.

Funding Opportunity Description

The MICHR Pilot Grant Program aims to facilitate and support innovative research across the translational spectrum, encouraging interdisciplinary collaborations that promote the development of transformative solutions for improving patient outcomes.

The following mechanisms are offered as part of our most recent request for proposals for Round 20:

- T1 Bench-to-Bedside Translation Award
- T1 Endowment for Basic Sciences Partnership Accelerating Translation Award
- T2 Translational Science Award
- T3 Research into Practice Award (Up to $50,000)
- T3 Community University Research (CURES) Partnership Award (Up to $30,000)
- T3 Implementing Research-Based Practices to Improve Quality of Care Award (Up to $20,000)

In addition to the stated expectations in the Eligibility Requirements & Application Guidelines, please consult the grant mechanism descriptions for additional restrictions and requirements. For grant mechanism descriptions and additional details, please visit the MICHR Pilot Grant Program Site (http://www.michr.umich.edu/funding/pilotgrant).

Please note that all funding opportunities are for a period of one year unless you are awarded a multiple-year T1 or T2 pilot grant.

Key Dates

Application Deadline (for all mechanisms): 12:00 PM (NOON) on Friday, March 11, 2016
Award Announcement: ~June 2016
Earliest Anticipated Project Start: July 1, 2016
Part 2. Application & Submission Information

To be considered for funding, your complete application must be submitted in Competition Space by 12:00 P.M. (NOON) on Friday, March 11, 2016.

We strongly encourage early submissions. No applications will be accepted after the deadline. The system will provide immediate notification upon successful completion.

Competition Space

Applicants will use UMMS Competition Space (https://umms.infoready4.com/#homePage) to browse and apply for open funding opportunities. UMMS Competition Space runs on IE 9+, Chrome, Firefox 3+, and Safari for Macintosh.

Application forms and other relevant information may be found on UMMS Competition Space. The application should be submitted using the forms provided on Competition Space.

For help with UMMS Competition Space, please see the FAQ document.

Application Components

The application should be submitted using the forms provided on UMMS Competition Space. Other forms will not be accepted and will result in the delay and/or potential rejection of your application.

Format Specifications: Unless otherwise indicated, use Arial Font and Font Size 11 with 0.5 inch margins. A symbol font may be used to insert Greek letters or special characters; the font size requirement still applies. Text is single spaced. Use standard size (8.5” x 11”) paper.

1. Face Page

The Face Page should be submitted using the Excel form provided on Competition Space. In the form, fields marked with a * are required. Submit the Face Page as an Excel file. Other file formats will not be accepted and will result in the delay and/or potential rejection of your application.

2. Other Support

Provide active support for all Principal Investigators and Co-Investigators. Other Support includes all financial resources, whether Federal, non-Federal, commercial, or institutional, available in direct support of an individual's research endeavors, including but not limited to research grants, cooperative agreements, contracts, and/or institutional awards. This requirement is necessary for avoiding scientific overlaps. Current and pending support must be disclosed whether or not salary support is being requested as part of this budget.

To complete this section, applicants should use the form provided on Competition Space. Submit the Other Support document as a PDF. Other file formats will not be accepted and will result in the delay and/or potential rejection of your application.
3. Application (must be combined into 1 PDF for submission)

Rebuttal (For Resubmissions ONLY)

A rebuttal is REQUIRED for re-submissions. The rebuttal form should be submitted using the form provided on Competition Space. The rebuttal should not exceed 1 page.

The rebuttal should respond to the prior reviewers’ comments, point by point. Any changes or modifications to the body of the grant (narrative) should be highlighted. A proposal will be considered a maximum of three times; the original submission and TWO resubmissions.

Applicants must disclose if their application is a re-submission. Proposals that were previously submitted under a different Principal Investigator, Proposal Title, or Grant Mechanism are also considered re-submissions.

Proposal Narrative

The proposal narrative should be submitted using the form provided on Competition Space. The proposal narrative should not exceed 7 pages total with 1 page for Specific Aims and 6 pages for B-H, suggested section lengths are indicated below.

The proposal narrative should include sufficient information needed to evaluate the project and should be specific, informative, and avoid redundancies. Unless otherwise noted in the RFP, the components of the proposal narrative include:

A. Specific Aims (1 page)
   - Describe concisely and realistically the goals of the proposed research and summarize the expected outcome(s), including the impact of the proposed research. The specific aims should cover the specific objectives and hypotheses to be tested, a summary of the expected outcomes, and a description of the impact on the field.
   - Do not exceed 1 page

B. Background and Significance (0.5 page)
   - Explain the importance of the problem or describe the critical barrier to progress in the field that is being addressed. Explain how the proposed research project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields. Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved. This section should cover the state of existing knowledge, rationale of the proposed research, an explanation of the gaps that the project is intended to fill, and potential contributions of this research to the scientific field(s) and public health.

C. Innovation (0.5 page)
   - Explain how the application challenges and seeks to shift current research or clinical practice paradigms. Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and any advantage over existing methodologies, instrumentation, or interventions. Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions.
D. Previous Related Work (0.5 page)
- Describe how the investigators have already contributed to the proposed project or related projects (include preliminary data, if available), the expertise the investigators bring to the project, and evidence of the feasibility to accomplish the proposed aims.
- Preliminary data are not required when submitting a proposal. However, an explanation for the absence of preliminary data is helpful to the reviewers.

E. Research Design and Methodology (3.5 pages)
- The purpose of the approach section is to describe how the research will be carried out. This section is crucial to how favorably an application is reviewed. The research design and methods section should include, but is not limited to: (1) an overview of the experimental design; (2) a description of methods and analyses to be used to accomplish the specific aims of the project; (3) a discussion of potential difficulties and limitations and how these will be overcome or mitigated; (4) expected results and alternative approaches that will be used if unexpected results are found; (5) a detailed discussion of the way results will be collected, analyzed an interpreted; and (6) a description of any new methodology used and why it represents an improvement over existing ones.

F. Timeline (0.25 page)
- Describe when key research activities will be accomplished during the award year.

G. Impact Statement and Future Plan (0.5 page)
- Describe the goal(s) of the specific research proposed and the broad, long-term objectives.

H. **NEW** Statement of future impact on patient care (T1 and T2) and/or community (T3 and T4) (0.25 page)
- Describe how this research will impact patient care and/or the community in the future.

Additional Review Criteria (not included in 7-page limit):

I. Animal Model (if applicable)
- If your study involves an animal model, please provide reasoning of how the study will lead as a “next step” to clinical or translational research in humans. The research “next step” is to take the findings from the pre-clinical model to humans. Please refer to the section about the eligibility of animal studies for further details.
- No page limitation, but please be concise.

J. Human Subjects (if applicable)
- Please follow the NIH guidelines for completing your Human Subjects section
  1. Protection of Human Subjects
  2. Inclusion of Women and Minorities
  3. Planned Enrollment/Recruitment and Retention Plan
  4. Inclusion of Children
- In the above sections, describe and justify the characteristics of the subject population, including their anticipated number, age range, and health status if relevant. Describe and justify the sampling plan, as well as the recruitment and
retention strategies and the criteria for inclusion or exclusion of any sub-population. Describe the plans for the recruitment of subjects (where appropriate) and the process for obtaining informed consent. If the proposed studies will include children, describe the process for meeting requirements for parental permission and child assent. If there are variables that are prohibitive to certain groups, please describe.

- No page limitation, but please be concise.

K. Mentoring Plan (for Early Career faculty only)
- Describe a mentoring plan with one or more established clinical, translational, or community-engaged research investigators. This mentoring relationship may be the same as one established by the School, Department or Division of the faculty. The description should include information about your mentor(s), the particular purpose of the mentoring relationship, the goals of the mentoring relationship, and a tentative agenda for mentoring session(s).
- Do not exceed 0.5 page

L. New Research Direction (for Senior Faculty only)
- Provide a clear explanation of how the current proposal is a new direction in the research of the Principal Investigator.
- Do not exceed 0.5 page

M. References (not included in page limit)
- References cited in this proposal should be included in the application.

**Budget**

The budget should be submitted using the form provided on Competition Space.

The budget can be for any amount up to the maximum noted in the RFP and must be well justified. Unallowable items include, but are not limited to: equipment, cost overruns, retroactive funding, publications, grant preparation costs, graduate student stipends and tuition costs, salary support for Fellows already funded by an ACGME accredited program, travel unrelated to the conduct of the research (e.g. conferences), renovations, office supplies, or computers. Computer programs may be considered if specialized and directly related to the proposed project.

For the T1 and T2 multiple-year funding opportunities, a detailed budget must be provided for each year. The MICHR Pilot Grant Program reserves the right to withhold and/or not fund the second year of a project if all sponsoring departments, units, centers and/or other institutional entities do not fulfill their agreement and contribute their cost-share to both years of the project.

Researchers are encouraged to contact the PGP staff with specific questions about appropriateness of specific types of expenses. Any costs associated with services, such as those provided by the Michigan Clinical Research Unit (MCRU) or MICHR must be included in the budget. For a list of available MICHR and MCRU services visit [http://www.michr.umich.edu/home](http://www.michr.umich.edu/home).

**Budget Justification**

A narrative budget justification should be submitted using the form provided on Competition Space. There is no page limit for the budget justification, but please be concise.
A list of the names of all personnel who are involved on the project, regardless of whether salary support is requested, is required. Starting with the principal investigator, include all co-investigators and collaborating investigators, individuals in training and support staff. Provide a clear explanation for ALL personnel by position, the role that they will be playing on the project, and the level of effort. Post-Doctoral Fellows and Graduate Student personnel who are To Be Determined will be turned down. PLEASE do not leave these fields blank or labeled TBD. They will not be accepted.

A minimum of 5% effort for the Principal Investigator is required, even if salary support for that effort is not requested. All effort commitments submitted as part of an application must be appropriately documented as part of your effort certification process and may not exceed the NIH cap.

PGP awards are not meant to serve as bridge funding or as supplementary funding for existing grants. The PGP reserves the right to grant a partial award where expenses are not allowable, well justified, or are inflated.

**Biographical Sketches**

Biographical sketches should be submitted using the form provided on Competition Space. The biographical sketch for each investigator should not exceed five pages. A current NIH style biographical sketch is required for each Principal Investigator and Co-Investigator listed on the project.

**Letter(s) of Support**

Collaborators with a significant role on the project should provide a Letter of Support for their participation. Letters are not required for co-investigators.

**Signature Page**

The signature page should be submitted using the form provided on Competition Space.

Sign-off by the Department/School Chair or Director of a Center and/or other Institutional Entity for all Principal Investigators and Co-Investigators is required. Sign-off by the Department, School, Center and/or other Institutional Entity attests that the application budget and faculty effort is endorsed and that the cost-sharing requirement has been agreed to. **Administrative sign-off is required for all faculty effort.**

Where the number of applications receiving a meritorious score from the Scientific Review Committee exceeds available cost-share dollars, the department will have final approval of which proposals will be funded.

**Notes:** For the T3-CURES mechanism, sign-off for the community partner is not required.

**Appendix**

Applicants may submit an appendix, limited to 20 pages. Appendix materials are to encourage applications to be as concise as possible while containing the information needed for expert scientific review. The Appendix may not be used to circumvent the page limitations of the application.
Information that may and may not be included in the Appendix are as follows:

- Patents materials directly relevant to the project.
- Surveys, questionnaires, data collection instruments, clinical protocols, and informed consent documents may be submitted in the Appendix as necessary.
- Published manuscripts and/or abstracts that are publicly available in a free, online format may be referenced in the application. These publications may not be included in the appendix.
- Applications may include graphic images of gels, micrographs, photographs, etc. in the Research Plan; however, these images may not be included in the Appendix (except when part of a qualifying publication).

Part 3. Eligibility Requirements

The following guidelines apply to all MICHR Pilot Grant Program (PGP) mechanisms listed below.

- T1 Bench-to-Bedside Translation Award
- T1 Endowment for Basic Sciences Partnership Accelerating Translation Award
- T2 Translational Science Award
- T3 Research into Practice Award (Up to $50,000)
- T3 Community University Research (CURES) Partnership Award (Up to $30,000)
- T3 Implementing Research-Based Practices to Improve Quality of Care Award (Up to $20,000)

All faculty (12 month and 9 month appointments) with lecturer or instructor appointments or higher from all schools and colleges at the University of Michigan are eligible to apply as Principal Investigators, including all basic, clinical and social scientists. Applicants must have a faculty appointment at the time of the application deadline.

Adjunct faculty, physician residents, post-doctoral trainees and fellows are NOT eligible to serve as Principal Investigators on PGP projects; however, they are eligible to serve as Co-Investigators, and they may play a prominent role in conducting the project. PGP funding may not be used to support effort (salary & benefits) for Fellows who are already supported by ACGME or equivalent programs.

Eligibility of Early Career Investigators (Assistant Professors & Below)

Early Career investigators are defined as faculty with the appointment of Assistant Professor and below. This includes but is not limited to Instructors, Assistant Professors, and Assistant Research Scientists.

The early career faculty member will also be required to provide evidence of a mentoring plan with one or more established clinical/translational investigators. This mentoring committee may be the same as one established by the School, Department or Division of the faculty. Investigators at or below an Assistant Professor level should provide information in the Budget Justification section about their prior research experience and describe any plans to acquire clinical and translational research skills. A letter of support from a mentor or Department Chair attesting to their commitment to the development of the mentees’ long-term career plan is favorable to the success of the application.
Eligibility of Senior Investigators (Above the level of Assistant Professor)

Senior investigators are faculty with the appointment above the level of Assistant Professor. This includes but is not limited to Associate Professors, Professors, Associate Research Scientists, and Research Scientists.

Senior faculty applying for PGP funds must provide a clear and concise explanation on how the proposed research is a significant departure from their previous research direction. Senior faculty should include this justification as part of their application. The justification will be used by the Pilot Grant Review Committee as part of their criteria for scoring. Senior faculty are encouraged to contact the Faculty Lead for the PGP for discussion of eligibility of the proposed project.

Eligibility of Investigators for Multiple Awards

Principal Investigators (PIs) may submit only one application per round. That is, Principal Investigators (PIs) may only apply to one funding mechanism per round.

Principal Investigators (PIs) may receive up to two separate pilot awards of $25,000 or more during any five year period commencing with the start date of the first award, provided that the first project is completed (including possible extensions) prior to the start date of the second project. Any applications received after the second proposal is awarded will not be reviewed. After expiration of the period ending five years after the start date of the first project, the PI will become eligible for subsequent awards, provided that both projects awarded during the initial five years were completed satisfactorily. Only in rare instances will a second pilot grant be awarded for the same project. The applicant must provide clear rationale for additional funding.

Multiple award restrictions are not applicable to Seed awards. All other eligibility criteria are applicable.

Eligibility of Stem Cells Studies

In general, work with human-derived stem cells or induced pluripotent stem cells are not considered translational research for the purposes of the PGP. A proposal may be turned down administratively if it is felt that it does not comply with the intent of the PGP.

Eligibility of Animal Studies

If the work involves animals, it is required that the investigator show how the studies will lead as a next step to a clinical or translational research project. The research “next step” is to take the findings from the pre-clinical model to humans. If the animal model has already been validated as a predictor of how human disease will respond and the pathway toward humans is clearly evident as the next logical step, the study is eligible for pilot grant support. If the model has not yet been validated and a significant amount of work will be required to determine if the animal model would serve as a predictive model for human disease, it is not eligible for pilot grant support. Nude mice or other immune-compromised animals may be appropriate as ‘vehicles’ for human tissues for assessing effects of drugs or other interventions.

Note: The PGP review committee will take into account the extent of animal work compared to work in humans or human-related material in scoring the application. It is strongly suggested that investigators discuss anticipated proposals using animal models with MICHRI PGP personnel prior to submission of the application.
A proposal may be turned down administratively if it is felt not to comply with the intent of the MICHRI Pilot Grant Program. Applicants are encouraged to contact the PGP staff with specific questions about eligibility.

Part 4. Applicant Responsibilities

Section I. Funding

Funding for this program comes from MICHRI contributions combined with matching dollars from the applicant’s department, school, college or other institutional unit. It is the responsibility of the applicant to obtain departmental support prior to submission.

The departmental sign-off secured by the applicant prior to submission indicates the department’s agreement that the application budget is endorsed and that the cost-sharing requirement has been agreed to. For proposals deemed fundable by the Scientific Review Committee and by PGP Administration, MICHRI will contribute either one-half up to $25,000 for proposals requesting $50,000, or one-third up to $25,000 for proposals requesting $75,000, or as otherwise noted in the RFP. Thus, a grant of $50,000 is a combination of $25,000 of MICHRI dollars and $25,000 of departmental dollars. The portion not covered by the MICHRI contribution may be divided between the collaborators’ departments. It is the responsibility of applicants to communicate with all sponsoring department Research Administrators as to their intent to apply to this program in order to allow time for departmental consideration prior to sign-off.

For T1 and T2 funding opportunities:

Pilot Grant applications can request funds for either one or two years of funding. MICHRI will provide up to $25,000/year in co-funding. Multiple year applications must have a strong rationale and have documented commitment by the co-funding entities for the entire period. The rationale for a two year funding period must be included in the application and will be taken into account in application scoring.

The most common source of co-funding of Pilot Grants will continue to be from Schools or Departments with a maximum contribution of $25,000 from MICHRI. However, the Pilot Grant Program will allow other institutional entities to co-fund grants which may include funding by NIH funded Centers, Institutes or other sources of funds.

The MICHRI Pilot Grant Program will also allow the submission of grants that have multiple sources of funding, such as by two Centers or a Center and a Department. The co-support can be of any magnitude with the understanding that MICHRI will only support up to $25,000/year in co-funding. The application must have sign-off by each of the co-funding entities prior to submission of the application. All other eligibility requirements for the PI or Co-PIs will be enforced.

For the T1 and T2 multiple-year funding opportunities, a detailed budget must be included for each year, along with a two-year justification. The MICHRI Pilot Grant Program reserves the right to withhold and/or not fund the second year of a project if all sponsoring departments, units, centers and/or other institutional entities do not fulfill their agreement and contribute their cost-share in the first year of the project. That is, the second year of funding is contingent on all sponsoring parties putting forth their cost-share on time during the first year of the project.
The grants will be reviewed by the Scientific Review Committee and prioritization will be based on the criteria used for review of all Pilot Grant applications. Centers or other entities can preselect applications for submission and reviews, if any, from the pre-selection process can be submitted.

**Section II. Regulatory Requirements**

Institutional Review Board (IRB) approval and any other applicable regulatory requirements are not required at the time of submission but should be initiated immediately following award notification. **All regulatory approvals MUST BE OBTAINED WITHIN 3 MONTHS of the award announcement** (e.g. IRB, UCUCA, FDA, Technology Transfer, Conflict of Interest, etc.).

The start date that begins the **funding period** is set by MICHR Finance and commences with or without IRB approval.

If approvals have not been obtained within this timeframe, the award may be revoked or deferred unless justification of further delay can be made to the PGP Administration. **If you are using a pre-existing IRB application, you are required to amend your Sponsor section to include MICHR as an Internal funding source.**

**Section III. Application**

It is the responsibility of the applicant to secure and complete all application components prior to submission. We strongly encourage early submissions.

**Part 5. Application Review Information**

The MICHR Pilot Grant Program requires all applicants to adhere to the eligibility requirements and application guidelines in order to promote a process whereby submitted grant applications are evaluated on the basis of a process that is fair, equitable, timely, and free of bias.

In addition to determining whether a proposal meets the goals of the Pilot Grant Program, the Scientific Review Committee will evaluate it for evidence of quality, accountability, and soundness of design. The core values of peer review drive MICHR to seek the highest level of ethical standards. The following main points will be considered:

1. **Significance:** The potential for this project to address a significant health care challenge and advance mechanistic, diagnostic and/or therapeutic understanding of a clinical problem. 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? Please describe the strengths and weaknesses.

2. **Investigators:** Are the PIs, co-investigators, collaborators and other researchers well suited to the project? If Early Stage Investigators, do they have the appropriate experience and training, and is a mentoring program with an established investigator outlined? If the PI is a Senior Investigator (Associate Prof. and above), has it been clearly demonstrated that the proposed work is a departure from prior research? If the project is collaborative or multi-PD(s)/PI(s), do the investigators have complementary and integrated expertise; is their leadership approach,
governance and organizational structure appropriate for the project? Please describe the strengths and weaknesses.

3. **Innovation:** The potential for this project to develop novel concepts, approaches, methodologies, tools or technologies in the field(s). Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Please describe the strengths and weaknesses.

4. **Approach:** Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Are potential problems, alternative strategies, and benchmarks for success presented? For research not directly involving humans, has the PI clearly described how the next step in the overall research program will be translated into human-based, clinical research? Please describe the strengths and weaknesses.

5. **Environment:** Will the scientific environment in which the work will be done contribute to the probability of success? Are the institutional support, equipment and other physical resources available to the investigators adequate for the project proposed? Will the project benefit from unique features of the scientific environment, subject populations, or collaborative arrangements? Is the proposed budget and available resources fully justified and adequate to complete the work in the proposed time period? Please describe the strengths and weaknesses.

6. **Program:** Overall, does the application meet the objectives of the specific RFA and/or goals of the Pilot Grant Program? Including, but not limited to:
   - To assist early career investigators by providing funding support that will enable them to establish a clinical & translational research path.
   - To assist established basic science investigators to move their research into the translational research arena.

7. **Patient/Community Consideration:** Does the applicant clearly describe how the proposed research will impact patients and/or the community in the future?

Additional considerations:
- Has the potential overlap with other projects been adequately addressed?
- Consideration to Biostatistics will be an important component of successful proposals. Investigators are encouraged to confer with a biostatistician as the proposed study is being developed.

The Scientific Review Committee scores applications using the 1-9 point scale used by the NIH.

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<tr>
<th>Score</th>
<th>Guidance on Strengths/Weaknesses</th>
<th>Descriptor</th>
<th>Impact</th>
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<tbody>
<tr>
<td>1</td>
<td>Exceptionally strong with essentially no weaknesses</td>
<td>Exceptional</td>
<td>High</td>
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<tr>
<td>2</td>
<td>Extremely strong with negligible weaknesses</td>
<td>Outstanding</td>
<td>Medium</td>
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<tr>
<td>3</td>
<td>Very strong with only some minor weaknesses</td>
<td>Excellent</td>
<td>Medium</td>
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<tr>
<td>4</td>
<td>Strong but with numerous minor weaknesses</td>
<td>Very Good</td>
<td>Low</td>
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<tr>
<td>5</td>
<td>Strong but with at least one moderate weakness</td>
<td>Good</td>
<td>Low</td>
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<tr>
<td>6</td>
<td>Some strengths but also some moderate weaknesses</td>
<td>Satisfactory</td>
<td>Medium</td>
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<td>7</td>
<td>Some strengths but with at least one major weakness</td>
<td>Fair</td>
<td>Low</td>
</tr>
<tr>
<td>8</td>
<td>A few strengths and a few major weaknesses</td>
<td>Marginal</td>
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<tr>
<td>9</td>
<td>Very few strengths and numerous major weaknesses</td>
<td>Poor</td>
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# Contacts & Other Information

For general assistance regarding the MICHRI Pilot Grant Program, please contact:
Kate Althouse at 734-998-7626 or MICHR-PilotGrants@umich.edu

For specific mechanism related questions, please contact:

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<tr>
<th>Mechanism</th>
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<tbody>
<tr>
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<td>Kent Key</td>
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<td>T3 Implementing Research-Based Practices to Improve Quality of Care Award</td>
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<tr>
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<tr>
<td>Adam Paberzs</td>
<td>734-763-8880</td>
<td><a href="mailto:adampabe@umich.edu">adampabe@umich.edu</a></td>
</tr>
<tr>
<td>Kent Key</td>
<td>734-998-7474</td>
<td><a href="mailto:kentk@umich.edu">kentk@umich.edu</a></td>
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## Useful Links

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<td>MICHR Pilot Grant Program Webpage</td>
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<tr>
<td>UMMS Competition Space</td>
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## Other MICHRI Resources

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<td>Research Development Core (RDC)</td>
<td><a href="http://www.michr.umich.edu/services/researchdevelopment">http://www.michr.umich.edu/services/researchdevelopment</a></td>
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<tr>
<td>Clinical &amp; Health Research Recruitment Program</td>
<td><a href="http://www.michr.umich.edu/services/recruitmentprogram">http://www.michr.umich.edu/services/recruitmentprogram</a></td>
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<td>Biostatistics</td>
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<tr>
<td>Michigan Clinical Research Unit (MCRU)</td>
<td><a href="http://www.michr.umich.edu/services/mcru">http://www.michr.umich.edu/services/mcru</a></td>
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