



Antimicrobial Stewardship Research Grant Call for Proposals

MAD-ID and bioMérieux are soliciting study proposals designed to show how the use of data can advance the practice of antimicrobial stewardship.

Proposals to be considered will be innovative applications demonstrating the clinical impact and the advancement of the practice of antimicrobial stewardship through the use of the bioMérieux data analytics platform.

Funding for a one-year non-renewable grant is available upon acceptance by MAD-ID of an application meeting the Eligibility Requirements set forth plus access to bioMérieux's advanced data analytics SaaS platform (the "Software") for use in the awarded Project.

About MAD-ID

MAD-ID is a 501(c)3 non-profit organization which provides continuing professional education in the area of infectious diseases prevention and treatment. Educational initiatives and content are determined by a Scientific Committee composed of infectious diseases experts from clinical pharmacy, medicine, and nursing and based upon ongoing needs assessments. The main venue for our programming is the annual meeting, which takes place in May of each year. Other MAD-ID initiatives have included regional programming related to specific topics and our Antibiotic Stewardship Training Programs.

The MAD-ID Mission:

The mission/purpose of the organization is to provide education, in the form of traditional continuing professional education, skills training, and other pertinent life-long learning methods, to health care professionals concerning the prevention and treatment of infectious diseases in general, and antimicrobial stewardship, in specific.

The Research Network Mission: To promote understanding of and advance clinical practice which optimizes prevention and treatment of infectious diseases through individual and collaborative research efforts of the Network membership.

Purpose of this RFA

The MAD-ID Research Network is soliciting applications for proposals designed to advance the practice of and/or demonstrate the value of antimicrobial stewardship. Proposals to be considered include a variety of experimental, observational or quasi-experimental designs. The successful proposal will be an innovative application that advances the science and practice of antimicrobial stewardship. Proposals that demonstrate the impact of a stewardship intervention will be preferred.

Applications to this request for proposals should address one or more of the following topics

and be aligned with the mission of MAD-ID.

- Reducing antimicrobial resistance
- Improving patient safety
- Improving patient outcome(s)
- Applying antimicrobial stewardship in novel settings

Initiative Time Line

- Full applications due July 11
- Announcement of award, August
- Funding start date, by September 1

RFA Information

1. **Amount of awards:** The maximum budget is \$20,000. All projects should be one-year in duration. There will be no funds allocated for administrative and facility costs (indirect costs). Funding will be provided upon submission of invoices documenting the following milestones:
 - a. 1/3 upon confirmation of IRB approval (must be confirmed within 3 months of award notice)
 - b. 1/3 upon completion of data collection
 - c. 1/3 upon receipt of and acceptance of a final report (final report must include budget reconciliation. MAD-ID will request return of funds not used for execution and publication of the project.)
2. **Eligibility.**
 - a. Primary investigator must be a member of MAD-ID (<http://mad-id.org/mad-id-memberships/>) and the MAD-ID Research Network (<http://mad-id.org/the-mad-id-research-network/>) for at least one year prior to application
 - b. Trainees (fellows, graduate students) may serve as a Co-Primary Investigator under the supervision of a senior Primary Investigator
 - c. MAD-ID directors, members of the scientific committee or the MAD-ID Research Network Grant Review committee or their current trainees (residents, students, fellows) are not eligible.
 - d. Previous recipients of MAD-ID research grant support within the past 3 years are not eligible.
3. **Project requirements:** The proposed research project must be
 - 1) Responsive to this request for proposals
 - 2) Relevant to MAD-ID's mission
 - 3) Feasible to be completed in a 1-year timeline/budget
 - 4) Of outstanding merit

- 5) Evidence of multidisciplinary collaboration; at minimum the research team must be multidisciplinary in nature (e.g. a pharmacist and a microbiologist; a physician and a pharmacist, etc)

Use of Funding

The study budget should reflect the multidisciplinary nature of the stewardship team and clearly support project execution. The budget justification should clearly explain the active role of each study team member.

Funds **may** be used as follows:

1. To purchase supplies, reagents, or equipment (clear justification required).
2. For technical support and investigator salaries
3. For publication/page fees
3. For incentives for community partners and community research participants.
4. Travel up to \$3000

Funds **may not** be used as follows:

1. Indirect costs
 2. Capital investment in acquisition and initial implementation of the Software
- For other questions regarding use of funds, contact Susan Davis.

Application Process

1. Complete the MAD-ID Research Network Grant Application Form*
2. Include a research plan not exceeding 9 pages total, including:
 - a. Specific Aims
 - b. Research Strategy (max 6 pages)
 - i. Significance
 - ii. Innovation
 - iii. Approach: This section should have subheadings for each aim describing introduction, justification and feasibility, and research design
 - c. Timeline
 - d. Resources and environment (describe the role of each investigator, the amount of time that will be spent on the project, description of the strengths of the research environment)
3. Complete a detailed budget description spreadsheet*
4. Submit Biographical data for all investigators (maximum 4 pages each using the current NIH format)
5. Include a letter from an institutional official (e.g. director, division head, department chair, supervisor) assuring support for the project
6. Final application documents must be submitted as a single PDF file to Susan Davis, sdavis@mad-id.org by **July 11, 2019** at 11:59pm Eastern time and should reference "bioMérieux Grant" in the subject line. The file should be saved using the following filename structure:
MADIDResNet_2019_ApplicantsLastName_ApplicantsFirstName.pdf

7. Applications not strictly complying with instructions will be returned without review.

Please adhere to the following formatting requirements when preparing applications:

- Font: Use an Arial, Helvetica, Palatino Linotype, or Georgia typeface, a black font color, and a font size of 11 points or larger. (A Symbol font may be used to insert Greek letters or special characters; the font size requirement still applies.)
- Type density, including characters and spaces, must be no more than 15 characters per inch. Type may be no more than six lines per inch.
- Use at least one-half inch margins (top, bottom, left, and right) for all pages.

***Application/Budget Forms**

Please email Susan Davis (see below) to obtain application and budget forms using subject "MAD-bioMérieux grant forms"

Questions

If you have questions please contact:

Susan L. Davis, PharmD
Program Director, MAD-ID Research Network
Clinical Professor
Eugene Applebaum College of Pharmacy and Health Sciences
Wayne State University
Infectious Diseases Pharmacist, Henry Ford Hospital
Detroit, MI
sdavis@mad-id.org; sldavis@wayne.edu

John A. Bosso, PharmD, FCCP, FIDSA
Professor and Chair
South Carolina College of Pharmacy – MUSC Campus
Professor of Medicine, Division of Infectious Disease
Medical University of South Carolina, Charleston, SC
bossoja@mad-id.org

Michael J. Rybak, PharmD, MPH, PhD, FCCP
Professor of Pharmacy and Medicine
Director, Anti-Infective Research Laboratory
Eugene Applebaum College of Pharmacy and Health Sciences,
Wayne State University, Detroit, MI
mrybak@mad-id.org