Baxter International Inc. is a global, diversified healthcare company that develops, manufactures and markets products that save and sustain the lives of people with chronic and acute medical conditions. Baxter is interested in sponsoring research into scientific and engineering innovations that have potential application to improving the delivery of health care to patients. Research proposals should be directed to innovation in the following target areas:

- Intravenous and Dialysis Fluids (osmotic, drug, nutrition, anesthesia, and renal dialysis solutions).
- Infusion Pumps (ambulatory, volumetric, elastomeric, syringe, patient-controlled, smart pumps, miniaturized systems).
- Drug Preparation and Connecting Devices (compounders, drug containers, syringes, sets, reconstitution systems, and patient access devices).
- Manufacturing Technologies (process analytical technology, water treatment to produce sterile water for injection, container processing, sterilization, lyophilization, continuous manufacturing, and dispersed-phase processing technologies).
- Patient Monitoring, Sensing, and Control (hemodynamic monitoring, osmotic agent and drug detection during therapy, infection detection and prevention, medication error reduction, mobile health).
- Medical Plastics (dissimilar material bonding, materials used to deliver intravenous and dialysis fluids)
- Advanced Intravenous Drug Delivery and Formulations (safe intravenous complexing agents for aqueous drug stabilization/solubilization, parenteral nutrition lipids and additives, traditional herbal medicines)
- Data Analytics (predictive analytics, data visualization/presentation, and data modeling for aggregation and analysis of healthcare data)
- Materials used as hemostats/sealants or in the repair of hard/soft tissue (new applications of existing materials or new materials with incremental efficacy or address unmet needs in the patient delivery experience)
- Mathematically Modeling of the Above Areas

Eligibility:
All Northwestern University (NU) faculty members are eligible to submit a pre-proposal.

Grant Application Process:
There are two stages of documentation in the process for applying to the Baxter - Northwestern Alliance for a research grant:

Stage 1. Pre-proposal to be submitted to BaxNU@northwestern.edu by February 23, 2015.
The pre-proposal should consist of no more than two pages, including:
   a) Summary of the Proposed Project;
   b) Objectives/Research Goals of the Project;
   c) Expected Project Results/Achievements.

Pre-proposals are submitted to the Alliance Operating Committee, comprised of staff from Northwestern and executives, scientists, and engineers from Baxter. The Alliance Operating Committee will review all proposals and select those pre-proposals of immediate interest to be submitted as full proposals. Principal Investigators of selected pre-proposals will be notified by March 16, 2015 and encouraged to submit full proposals.
Stage 2. Invited full proposals to be submitted to Baxter-Northwestern Alliance
(2015 REQUEST FOR PROPOSALS)
And
Overview of Baxter Northwestern Alliance and Agreement Terms

The Baxter Executive Alliance Committee will make the final review and proposal awards.

The Project Specification document, which will be provided to the investigators, includes the Project Title, Research Period, Firm Fixed Price Funding Level, Terms of the Alliance, identity of Baxter and Northwestern Team Members, Reporting Schedule, and Reservation of Rights and Signatures.

The Reservation of Rights clause is of major importance and requires special attention and consideration by Northwestern’s Principle Investigators. Principle investigators must list any background IP and/or 3rd party owned IP that will be used in the statement of work for a Proposed Project and any relevant details or simply state "N/A" if there is no background IP and/or 3rd party IP. This clause addresses the IP terms of the Baxter Alliance and is based on providing for a mechanism by which rights to specifically identifiable IP included within a given statement of work could be reserved. Reasons for this could be many, such as where the background IP has been licensed to a 3rd party such as a faculty start-up, or the IP is tied up for other reasons. Given that the IP terms of a master agreement are broadly agreed to prior to the University learning what specific work and IP will be involved, this reservation allows for a legitimate way to nevertheless, perform the work while preserving rights and providing Baxter advance notice that their rights may be limited in some way. In such a case, Baxter may choose to not proceed with the research. It also provides Principle Investigators the ability to disclose and/or explain commitments with respect to IP that may impact terms of the Baxter Master Agreement due to previous IP agreements. As stated above, Principle investigators must list such background IP and any relevant details or simply state "N/A," if there is no background IP.

Award Amount:
Baxter will select specific proposals to fund and will notify the successful investigators through the McCormick Office of Corporate Relations. Selected projects will be funded for terms and funding levels determined by Baxter and agreed to by the Northwestern investigators, typically one year and approximately $100,000 per year including overhead. It is important that all formal timelines set forth in the proposal match the period for which funding is received. All awards will be fixed price contracts.

Questions/Comments:
For matters pertaining to the Baxter – Northwestern Alliance and its administration, please contact the McCormick Office of Corporate Relations: Sarah Stein (sarah.stein@northwestern.edu; 847-491-8670).

For matters pertaining to compliance and efficiency in the management of sponsored funding, please contact Hugh Anderson (hugh.anderson@northwestern.edu; 847-467-0947), McCormick Associate Research Administrator.
Proposal Timeline:
- **Request for Pre-proposals Issued:** January 21, 2015
- **Pre-proposal submission deadline:** February 23, 2015
  Please email Soft copy to BaxNU@northwestern.edu
  The pre-proposal should consist of no more than two pages including
  a) Summary of the Proposed Project,
  b) Objectives/Research Goals of the Project, and
  c) Expected Project Results/Achievements.
- **Notification of acceptance or rejection:** March 16, 2015
  All pre-proposals submitted will receive e-mail notification from the Operating Committee of
  their acceptance or rejection.
- **Full Proposal submission deadline:** April 13, 2015
  Baxter Northwestern Alliance Project Specification form with Northwestern PI’s and Co-PI’s
  signatures and full proposal should be sent to the baxnu@northwestern.edu. If the proposal is
  awarded, then final signatures by Baxter and OSR Administration will be obtained by the
  McCormick Office of Research Administration.
- **Projects Award Notification:** April 27, 2015

Baxter Northwestern Alliance Agreement Terms:

Please Note: A summary pdf of the master agreement between Baxter and Northwestern can be accessed here; https://www.mccormick.northwestern.edu/corporate-relations/secure/ . In order to access this password restricted webpage, you will be asked to enter your university netID and password.

Baxter will only allocate funds for projects that they deem have merit and fit with their business strategy. Baxter has no obligation to fund any minimum amount.

At its option, Baxter will appoint/select an internal Baxter project champion for participation as an active adviser and/or collaborator for each project funded.

Regular teleconferences and meetings will take place throughout the duration of the project. Reports are to be provided as specified by Baxter. Presentation before Baxter management may be required during the course of the project. A final report will be due at the end of the project.

Negotiated publication and presentation rights include providing Baxter the rights of prior review at least 45 days prior to publication or presentation, with a potential further delay of up to an additional 45 days to allow for filing patents.

Although each party retains ownership of its background IP, there is no obligation to identify background IP, unless there is a belief that any IP developed under the research funded by Baxter (foreground IP) will require access to the background IP in order for Baxter to practice.

Therefore a good faith disclosure of IP that has been licensed to third parties might prevent any misunderstandings. Potential background IP concerns should be reviewed and vetted with INVO or OSR prior to each proposal being submitted under this Alliance Agreement. Researchers should divulge any potential background IP to Baxter in the Reservation of Rights Section as described above.

Baxter’s prior written approval must be granted for any use of its name in any publications. Researchers should not accept any export controlled materials or information from Baxter under this agreement.

Participating faculty should carefully review and familiarize themselves with the detailed terms of the full Baxter Northwestern Alliance Agreement and Amendments which shall control.