REQUEST FOR PROPOSALS
The CTSA Fellows Program

After being awarded one of the first 12 Clinical and Translational Science Awards (CTSAs), the leaders of the Irving Institute for Clinical and Translational Research took an innovative approach to creating the Development of Novel Methodologies (DNMR) key function required of all CTSAs. During the first four years of our grant cycle, we focused on developing fresh, new methodologies that would impact the infrastructure and intellectual culture at Columbia to best encourage the development of interdisciplinary, translational science.

The approach chosen was to provide funding, mentorship and peer support to successful, mid-career scientists from across CUMC as they became “change agents” within the institution. As such, DNMR has emerged as a stimulus and “brain trust” for cross-cutting major initiatives that require a central source of leadership and energy as well as an incubator for novel ideas and programs. Each CTSA Fellow proposes and undertakes a project designed to reduce barriers to and enhance and encourage collaboration for interdisciplinary, translational research and training. In addition, a pool of senior Irving Institute leadership faculty provides guidance for DNMR initiatives, mentorship for CTSA Fellows, and coordination with other Irving Institute and CUMC activities.

PAST AWARDS. Among the projects undertaken by past CTSA Fellows:

- Developing a Columbia-wide obesity research consortium using Social Networking Analysis techniques.
- Launching a Biomedical Engineering seminar series and expanding collaborations with Columbia’s Fu Foundation School of Engineering.
- Developing a system for direct contact of potential research participants via the Clinical Data Warehouse in collaboration with NYP and Columbia’s IRB.
- Creating the Reach for the R training and mentoring program for assistant professors across CUMC.
- Planning and piloting the establishment of a coordinated CUMC/NYP BioBank.
- Creating interdisciplinary training and mentoring programs within and across CUMC schools, departments and divisions.

The Irving Institute is now ready to select its next cadre of CTSA Fellows

ELIGIBILITY. Eligible applicants are highly accomplished (i.e., have received independent NIH or significant foundation or industry support), clinical and translational, mid-career faculty (assistant or associate professors who are not yet tenured), across all Health Sciences schools, with research interests spanning from discovery to translation to the bedside and then to the community. Each applicant is expected to propose a project focused on one of the following areas:

1) creating the impetus for multi-investigator, interdisciplinary research focused on a major health problem in our community;
2) changing the way young investigators are trained and mentored—less insular and more interdisciplinary and collaborative;
3) establishing new infrastructure to help change the way research is conducted, i.e., a more translational and collaborative approach with the ultimate goal of changing the research culture at CUMC/NYP.

Each applicant must propose a project s/he will be able to carry out during up to two years as a CTSA Fellow. Fellows receive 10% support (salary + fringe) during this period. In addition to a CV, a letter from the department chair, and a letter from another senior faculty member from a different department, the applicant must submit a brief proposal (five or fewer double-spaced pages) that: (a) identifies a specific, significant problem in the infrastructure, culture, training/career development, and/or collaborative opportunities at Columbia for the conduct of translational science, (b) analyzes contributors to the problem and potential barriers toward its solution, and (c) proposes an innovative, practical strategy that can be implemented in the context of CTSA Fellowship.
FUNDING. Award recipients will be announced in May 2011, to begin their fellowship on July 1, 2011.

Applications should be converted into a single PDF file that must be submitted electronically no later than 5:00p, Monday, April 11, 2011 to: Michelle McClave, mm3098@columbia.edu.

1. Four-page application (form attached);
2. Research proposal (not to exceed five (5) double-spaced pages—see instructions on Page 4 of attached application):
   a. identifies a specific significant problem in the infrastructure, culture, training/career development, collaborative opportunities at Columbia for the conduct of translational science,
   b. analyzes contributors to the problem and potential barriers toward its solution, and
   c. proposes an innovative, practical strategy that can be implemented in the context of CTSA Fellowship.
3. Up-to-date Curriculum Vitae
4. NIH-style biographical sketch (with eRA Commons Username noted);
5. Letter of recommendation from the applicant’s Departmental Chair; and
6. Letter of recommendation from another senior faculty member from a different department other than the applicant’s home department.

CTSA Fellows
2006 – Present

<table>
<thead>
<tr>
<th>Fellow</th>
<th>Department</th>
<th>Term</th>
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<tbody>
<tr>
<td>Emilia Bagiella, PhD</td>
<td>Biostatistics</td>
<td>2006 – 2010</td>
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<tr>
<td>Jonathan Barasch, MD</td>
<td>Medicine, Anatomy and Cell Biology</td>
<td>2006 – 2010</td>
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<tr>
<td>Bernadette Capilli, DNsC</td>
<td>Nursing</td>
<td>2006 – 2009</td>
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<tr>
<td>Thomas Diacovo, MD</td>
<td>Pediatrics and Pathology</td>
<td>2006 – 2010</td>
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<tr>
<td>Petra Kaufmann, MD, MS</td>
<td>Neurology</td>
<td>2006 – 2009</td>
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<tr>
<td>Eliza Konofagou, PhD</td>
<td>Biomedical Engineering and Radiology</td>
<td>2006 – 2010</td>
</tr>
<tr>
<td>Rita Kukafka, DrPH, MA</td>
<td>Biomedical Informatics, Sociomedical Sciences</td>
<td>2006 – 2008</td>
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<tr>
<td>Regina Landesberg, DMD, PhD</td>
<td>Dental Medicine, Oral/Maxillofacial Surgery</td>
<td>2006 – 2008</td>
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<tr>
<td>Steven O. Marx, MD</td>
<td>Medicine and Pharmacology</td>
<td>2006 – 2010</td>
</tr>
<tr>
<td>Gbenga Ogedegbe, MD, MPH, MS</td>
<td>Medicine</td>
<td>2006 – 2008</td>
</tr>
<tr>
<td>Chunhua Weng, PhD</td>
<td>Biomedical Informatics</td>
<td>2007 – 2010</td>
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</tbody>
</table>
Applicant’s Name

Abstract of Research Proposal (200 words or less):
APPLICATION
CTSA Fellows Program
2011

Applicant’s Name

Other Research Support:

Current

Pending
APPLICATION
CTSA Fellows Program
2011

CTSA Project Proposal – Please attach a brief research proposal (five (5) or fewer double-spaced pages) that:

(a) identifies a specific significant problem or challenge in the infrastructure, culture, training/career development, collaborative opportunities at Columbia for the conduct of translational science,
(b) analyzes contributors to the problem and potential barriers toward its solution, and
(c) proposes an innovative, practical strategy that can be implemented in the context of CTSA Fellowship.