ANNOUNCEMENTS
“Sandy Update”
• The NYU/HHC CTSI continues to operate in the wake of Hurricane Sandy. Due to the infrastructure damage and loss of clinical research space, the CTSI is in recovery mode. However, our team is working with investigators to accommodate needs. A special thank you to Deborah Chavis-Keeling, the CTSI Executive Director of Administration, Eleanor De Candia, the Nurse Manager of the Clinical Research Center and the Office of Science and Research, who have all done and continue to do an amazing job helping relocate investigators using clinical research space. In the meantime, if you have questions or need help, please contact the CTSI Navigator who can provide you with further assistance.

“CEPHR Leadership will address the NIMHD Health Policy Summit”
• Upcoming Event: Dr. Chau Trinh-Shevrin, the Administrative Director of the Office of Community Engagement of the NYU-HHC CTSI, will address the NIMHD Health Policy Summit on Tuesday, December 18, 2012. Dr. Trinh-Shevrin will be a speaker for the plenary session “What Is It That We are Not Doing That We Should be Doing to Build a Healthier Society?” Click here to learn more about this summit.

“Scientometrics: Evaluating the Quality and Impact of Research”
• Lawrence Fu, PhD, from the Center for Health Informatics and Bioinformatics (CHIBI) will be presenting a Biomedical Informatics Faculty Seminar on “Evaluating the Quality and Impact of Research” on December 18th at 12:30pm in the 3rd Floor Seminar Room of Skirball, located at 540 1st Avenue. For more information on this event and other CHIBI events please contact Jeanne.Webster@nyumc.org.

RECENT CTSI NEWS & HIGHLIGHTS
Training, Research, Education and Careers (TREC)
• Congratulations are in order for the two Translational Mentors of the Year, Perry Halkitis Associate Dean for Research and Doctoral Studies, NYU Steinhardt/NYU Langone School of Medicine and Richard Sinert, DO, Attending Physician, Kings County Hospital Center, Associate Professor of Emergency Medicine/College of Medicine SUNY Downstate Medical Center. Both mentors will be presenting at one of the upcoming TRIP Seminars, click here for more details.

Translational Research, Novel Technologies, and Pilot Studies
• Applications were received in response to the Collaborative Translational Pilot Project Request for Applications. Of the 33 applicants that had been invited to apply, a total of 14 projects will be funded (9=T1/T2 and 5=T3). Please click here for more information on these projects.

CEPHR News (Community Engagement and Population Health Research)
• CEPHR Community Partner Featured on WNET 13/21: On October 23, 2012, WNET New York Public Television’s Metrofocus program featured the work of CEPHR Community Partner Arthur Ashe Institute for Urban Health (AAIUH) in salons and in barber shops. The CTSI has supported AAIUH’s work in salons through a CTSI Collaborative Pilot Project. Click here to watch the segment.
FEATURED SERVICE OF THE MONTH
Consultation in Biomedical and Clinical Research Informatics (CHIBI)

- The Best Practices Integrative Consulting Service (BPIC) of the Center for Health Informatics and Bioinformatics in collaboration and with the sponsorship of the NYU-HHC CTSI offers a consulting clinic for investigators that need help in areas of informatics. Consultations are offered by expert informatics faculty and have led to numerous successes including improvements in methodology and publications. To learn more about this service; please click on the following link CHIBI Consultation Service. If you would like to request a consult, please complete a Service Request Form.

CITE US!
How to Cite the CTSA?

- Please help us keep our funding: Investigators are reminded to acknowledge the CTSA Grant in publications and all forms of media related to a CTSI supported study, to ensure that the requirements of the NIH Public Access Policy are complied with.

- The following manuscript citation is suggested: “Supported in part by grant UL1 TR000038 from the National Center for Advancing Translational Sciences, National Institutes of Health.”

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Any questions or queries related to this newsletter, please contact the Editor: Rupinder Hayer at Rupinder.Hayer@nyumc.org
ANNOUNCEMENTS

Training, Research, Education and Careers (TREC)

• Training Opportunity: The CTSI/TREC Mentor Development Program has released a Request for Applications. The purpose of this program is to train research faculty to become the next generation of effective clinical and translational mentors. To learn more about this great opportunity and how to apply, please click on the following link: Mentor Development Program Application. Alternatively, please contact Tara Brant Program Manager for TREC.

RECENT CTSI NEWS & HIGHLIGHTS

• CTSA Program Note
  The NYU-HHC CTSI held its first ever Renewal Retreat which took place on September 20th at the Medical Center. The retreat was highly successful allowing the CTSI team to bring together partners and key stakeholders and brainstorm on how to prepare for the renewal of the CTSI grant.

Translational Research, Novel Technologies, and Pilot Studies

• Letters of Intent were received in response to the Collaborative Translational Pilot Project Request for Applications. In total, 103 Letters of Intent were received of which 35 have been invited to submit a full application. The letters of intent came from a variety of different NYU schools and institutes including the School of Medicine, the College of Dentistry, the Polytechnic Institute and our partner HHC. To learn more about the Pilot Project program please click on the following link: Pilot Project Program.

CEPHR News (Community Engagement and Population Health Research)

• The NYU Center for the Study of Asian American Health (CSAAH) collaborated with the Asian & Pacific Islander American Health Forum (APIAHF) on a successful application for a new CDC Racial and Ethnic Approaches to Community Health Program (REACH) grant in the amount of $3,847,348. The project is entitled “Strategies to Reach and Implement the Vision of Health Equity (STRIVE)” and aims to eliminate chronic disease disparities and improve the health of AA and NHPIs across the U.S. To learn more about this grant and the two key partners, please click on the following link: REACH Grant.

FEATURED SERVICE OF THE MONTH

CEPHR Consultation Service

• This CTSI service provides guidance and consultation on a variety of methods/approaches in community-oriented and population health to researchers across the translational spectrum. More specifically, it provides consultations in the following areas: community engagement; community based participatory research (CBPR); Participant Recruitment and Retention in Research; Practice-based Research; Comparative Effectiveness Research; Cost-effectiveness Analysis; Behavioral Economics; Implementation Research; Dissemination Research; and Social Epidemiology. Consultations may range from one-time requests to being the starting point for funded collaborations. To learn more about this service, please click on the following link CEPHR Consultation Service. If you would like to request a consult, please complete a Service Request Form.
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ANNOUNCEMENTS

“Everything You Want to Know About K Awards”

- TREC Grand Rounds: The next TREC (Training, Research, Education and Careers) Grand Rounds will take place on September 27th from 5pm to 6pm. Dr. Michael Weiden, Associate Professor of Medicine and Environmental Medicine, and Director of the Research Division of Pulmonary and Critical Care Medicine, will be discussing everything you need to know about K Awards. To find out more and RSVP for this event, please contact Claudia Galeano.

The Use of Next Generation Sequencing Technology to Study Transcriptomes

- Stuart Brown from the Center for Health Informatics and Bioinformatics (CHIBI) will be hosting a talk on RNA-sequencing on September 14th at 11:30am in the Translational Research Building, Room 619, located at 227 E 30th Street. For more information on this event and other CHIBI events please contact Pat Donohue.

RECENT CTSI NEWS & HIGHLIGHTS

Training, Research, Education and Careers

- The TREC Program is pleased to announce their sponsorship of a new program entitled, A New Era of Targeted Drug Discovery and the Path of Development: From Molecular Signaling to the Global Market and Back Again, an Educational Program. The goal of this program is to educate students on the nuts and bolts of the drug discovery process, with a particular emphasis on drugs for treating diabetes and diabetic complications. The program will offer a yearlong course series, which includes Developing New Drugs, Molecular Signaling & Drug Development, and more. To register or for more information, please contact Claudia Galeano.

Center for Health Informatics and Bioinformatics (CHIBI)

- Dr. Yin Aphinyanaphongs and Dr. Lawrence Fu from CHIBI took part in the poster session at the 3rd Annual VIVO Conference on August 22nd in Miami, Florida. VIVO is an open source semantic web application populated with researcher interests, activities and accomplishments. This application enables the discovery of research and scholarship across disciplines at one’s own institution and beyond. Drs. Aphinyanaphongs & Fu presented on Connecting the Rails Web Framework to a VIVO Jena Store. This connection allows rapid prototyping that is not typically available in the VIVO Java Development environment. To view the poster and learn more about this new concept, please click on the following: Poster Presentation.

CEPHR News (Community Engagement and Population Health Research)

- Results of several CTSI-related initiatives will be presented at the 2012 NIMHD Summit on the Science of Eliminating Health Disparities: Integrating Science Policy and Practice, a gathering
that will take place October 31 to November 3, 2012. Abstracts that were accepted include “Using community-based participatory research (CBPR) to collect formative data and develop worksite obesity prevention interventions” submitted by CEPHR Faculty Steering Committee member and CTSI pilot grantee Bala Kanna, MD, MPH and “Promoting community engagement to address health disparities in New York City” submitted by NYU on behalf of the consortium of New York City-based CTSI Community Engagement Cores. Please click on the following link for more information on other abstracts that were submitted 2012 NIHMD Summit.

**FEATURED SERVICE OF THE MONTH**

**Biostatistics Consultation Service**

- This CTSI service provides statistical consultations to all clinical and translational science investigators. These consults allow investigators to seek expert advice from a qualified Biostatistician on areas such as experimental design, protocol development, data analysis and interpretation of results. Past consults have led to approved protocols, successful grant applications, and the publishing of manuscripts. To learn more about this service, please click on the following link [Biostatistics Consultation Service](#). If you would like to request a consult, please complete a [Service Request Form](#).

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**How to Cite the CTSA?**

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CTSI Monthly Newsletter: August 2012

ANNOUNCEMENTS

CTSI Service Requests via Service Request Form
- Service Request: If you are interested in requesting any of the CTSI Services, there is now a quick and easy way to do this. Simply follow the link and click the Service Request Form button located in the right hand column, answer a few questions and your request will be attended to: Service Request Form

REDCap Training is Now Available Online
- This unique software system is designed to help researchers securely build and manage online surveys and databases. It can be utilized to help support operational projects as well as medical research studies. If you are interested in learning more, click on the following link and register for one of the upcoming online training sessions hosted by the CTSA Consortium: Training Sessions

RECENT CTSI NEWS & HIGHLIGHTS

HHC News (Health and Hospitals Corporation)
- HHC Pilot Awardee Receives an NIH R01 grant award entitled "Promoting Safe Use of Pediatric Liquid Medications: A Health Literacy Approach". This award, received by Dr. Shonna Yin, will help identify ‘best practices’ for the labeling of pediatric liquid medications using a health literacy perspective. Dr. Yin and her co-investigators plan to conduct a series of experiments to identify these ‘best practices’ for labeling, which will inform the development of a comprehensive prescription labeling strategy that will then be tested in comparison to standard labeling practices.

CEPHR News (Community Engagement and Population Health Research)
- CEPHR Faculty Steering Committee Member addresses NIDA basic science meeting. In July 2012, Dr. Nadia Islam, Director of the NYU Prevention Research Center and CEPHR Faculty Steering Committee member provided a plenary at the conference entitled “Tobacco Smoking, HIV/AIDS and Cancer.” This meeting was held in conjunction with the 7th Texas Health Disparity conference on July 12-13th, 2012, in Fort Worth, Texas.

Clinical Research Center News
- The CTSI Clinical Research Center (CRC) Satellite Unit has been relocated to HCC 5F. The unit is still undergoing modifications, but is currently open for business. The satellite, like the main CRC Unit at Bellevue, provides resources to investigators to conduct research protocols and see subjects at an outpatient facility. Our CTSI nurses and clinical coordinator are also available to assist with study investigations. The CRC satellite provides support for nearly 1,000 outpatient research visits per year.

FEATURED SERVICE OF THE MONTH
Concierge Service

- This CTSI service is spearheaded by Hal Rosenblatt, the CTSI Research Protocol Coordinator. Hal can help you: understand the purpose and structure of the CTSI; provide you information on the various CTSI services and resources available; provide you information on how to apply for these services and resources; determine which CTSI application is appropriate for your project; navigate the NYU regulatory system, including the NYU Institutional Review Board (IRB) and the Bellevue Research Committee; develop protocols and budgets; understand how to make use of the national ResearchMatch volunteer research registry.

For more information on how to contact the CTSI Concierge, please click on the following link: Concierge Service

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CTSI Monthly Newsletter: July 2012

ANNOUNCEMENTS

Translational Research, Novel Technologies, and Pilot Studies

- Funding Opportunity: Request for Collaborative Translational Pilot Project Applications has been released. Funding up to $50,000 for one year. For more information on this great opportunity click on the following link: http://ctsi.med.nyu.edu/researcher-resources/funding-opportunities

RECENT CTSI NEWS & HIGHLIGHTS

CEPHR News (Community Engagement and Population Health Research)

- CEPHR Pilot Awardee Receives NHLBI Strategic Champion Demonstration Project Award This 16 month $100,000 grant, received in April 2012, will enable CSAAH, in partnership with Kalusugan Coalition, Inc (KC), to expand a successful CHW heart health project, Project AsPIRE, and establish the Alliance of Filipino American Community Health Workers.

- Ruth Browne Discusses the Role of Community-based Organizations in Research In June 2012, the NYU-HHC CTSI Community Advisory Board co-chair Ruth Browne, ScD gave the CEPHR Summer Seminar and provided an overview of CBOs and their organizational challenges and opportunities as well as issues to consider when partnering with CBOs on research initiatives.

For other CEPHR news, please visit the CEPHR section of the CTSI website: http://ctsi.med.nyu.edu/community

CRC News (Clinical Research Center)

- The CTSI Clinical Research Center, which provides resources for clinical research, is undergoing relocation and expansion. The CTSI CRC satellite unit which was originally located at Skirball 8Z has now been relocated to HCC in FGP Suite 5F. Ultimately, this means more and better space for your clinical research needs!

- The CRC Main Unit is relocating from Bellevue 8 East to Bellevue C&D Building in the fall 2012. The new state of the art unit will include exam rooms, interview rooms, pediatric and adult infusion suites, and more. Stay tuned for more information.

To apply for use of the CRC space and resources, go to http://ctsi.med.nyu.edu/research/ctsi-support-services/apply-for-services

FEATURED SERVICE OF THE MONTH

Research Studio

- This CTSI service is designed for researchers who would like to seek expert advice and feedback on their protocol, grant application and/or manuscript. These sessions allow the researcher to discuss specific components of their project prior to submission in order to maximize success. Past research studios have led to successful pilot project applications as well as a $10 million AHRQ grant.
For more information on how to request a Research Studio please click on the following link: http://ctsi.med.nyu.edu/research/ctsi-support-services/ctsi-services-programs/ctsi-research-studios

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Any questions or queries related to this newsletter, please contact the Editor: Rupinder Hayer at Rupinder.Hayer@nyumc.org
A Message From the Co-Directors

The NYU-HHC CTSI hosted the third annual visit of our External Advisory Board in December. As we begin to prepare for the competitive renewal of our CTSA, the Board’s insights will be instrumental in strengthening our application. The Board’s report was very positive, with praise in particular for the continued growth of the collaboration with HHC, development of the Center for Health Informatics and Bioinformatics, the reorganization of the Evaluation and Performance Metrics Core, and the CTSI’s new administrative and outpatient clinical research spaces. The Board also commended the Biostatistics core for their increased staffing, the Training, Research Education, and Careers program for their documentation of return on investment, the expansion of pilot programs within the Novel Technologies core, and CEPHR’s focus on cardiovascular disease within their target population (Filipinos). As we prepare our application to the NIH, the Board cautioned that successful renewal would depend on our ability to track and document our impact, not simply describe improvements to infrastructure and processes.

On the heels of the EAB’s visit comes news about the NIH’s long-planned National Center for Advancing Translational Sciences (NCATS). With Congress’ approval of, and President Obama’s signature on, the fiscal year 2012 spending bill, NCATS was officially established. CTSAs, along with several other translational research endeavors, will be reorganized under NCATS, which is currently led by Acting Director Thomas R. Insel, MD, director of the National Institutes of Mental Health. In the coming months, we expect to learn more about the implications this reorganization will have on our CTSA.
CTSI Research Studios Receive Rave Reviews

One of the CTSI’s many unique services is its Research Studio program. CTSI Research Studios offer translational and clinical investigators an opportunity to present their research plans, protocols, and manuscripts in development for review and critique prior to submission to funding agencies or to journals. They are also available for Basic Science faculty members who would like to develop translational projects.

Each Research Studio consists of a one-to-two-hour-long session during which an investigator presents a brief summary of a proposed study to a select group of faculty members. Prior to the presentation, the draft grant application, protocol or manuscript is sent to the faculty panel so the panel members can better prepare to critique it. In addition to a standing committee of senior faculty, the panel also includes ad hoc reviewers with relevant expertise. The CTSI has held nine Studios, in both clinical and basic science areas, from departments as diverse as Surgery, Nursing, Cell Biology, Medicine, and Dentistry. One Studio led to a large AHRQ grant to study wound healing.

Feedback from Studio recipients:
“An invaluable process in my grant preparation.”

“It felt like a mini-study section to review and critique my proposal prior to NIH submission.”

“I cannot imagine a more productive and educational forum for new investigators.”

“I decided to request a studio after I participated as a panelist for the first time.”

Pilot Project Awardees Announced

The intent of the Pilot Project Awards is to support collaborative scientific studies for one year to enable development of preliminary data that will serve as the foundation for submission of translational research grant applications. The CTSI recently awarded four pilot projects to make use of the biorepository core, and thirteen pilot projects in response to the latest RFA for Collaborative and Translational research.

<table>
<thead>
<tr>
<th>PI</th>
<th>Title</th>
<th>School/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Keefe</td>
<td>Telomere Length and Telomerase Related Gene Variation as Predictors of Ovarian Cancer in Women with BRCA Mutations</td>
<td>Obstetrics and Gynecology</td>
</tr>
<tr>
<td>Nicola Partridge</td>
<td>MCP-1 in Teriparatide Treatment of Osteoporosis</td>
<td>College of Dentistry (Department of Basic Science and Craniofacial Surgery)</td>
</tr>
<tr>
<td>Kepal Patel</td>
<td>The Role of Sprouty2 Feedback in the Management of Thyroid Cancer</td>
<td>Surgery</td>
</tr>
<tr>
<td>Markus Schrober</td>
<td>Evaluation of Murine Squamous Cell Carcinoma Cell Signature Genes in Human</td>
<td>Dermatology</td>
</tr>
</tbody>
</table>
The CTSI received 76 Letters of Intent and invited 42 investigators to submit full applications. Letters and applications came from a variety of NYU schools, departments/divisions, HHC facilities, and community organizations. Three areas of translational research (T1-T3) were represented among the awardees.

### Collaborative and Translational Pilot Project Awardees

The CTSI received 76 Letters of Intent and invited 42 investigators to submit full applications. Letters and applications came from a variety of NYU schools, departments/divisions, HHC facilities, and community organizations. Three areas of translational research (T1-T3) were represented among the awardees.

<table>
<thead>
<tr>
<th>Type</th>
<th>Pilot Project PI</th>
<th>Div/Dept</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>Eva Hernando-Monge</td>
<td>Pathology; Pediatrics; Cardiology</td>
<td>Preclinical Testing of PI3K, Akt, mTOR Inhibitors and anti-miRs in a Model of Arrhythmia and Cardiac Hypertrophy</td>
</tr>
<tr>
<td>T1</td>
<td>Harvey Moore</td>
<td>Surgery; Radiation Oncology</td>
<td>Role of Novel Inhibitors of I²-Catenin-Responsive Transcription (icRT) in Augmenting Response to Chemoradiation in Colorectal Cancer Stem Cells</td>
</tr>
<tr>
<td>T1</td>
<td>Fernanda Musa</td>
<td>OB/GYN; Oncology</td>
<td>Dual mTOR Complex Inhibition as a Novel Therapeutic Target in Recurrent Ovarian Cancer</td>
</tr>
<tr>
<td>T1</td>
<td>Mindong Ren</td>
<td>Cell Biology; Pediatrics; Anesthesiology</td>
<td>Drug Repositioning for Barth Syndrome</td>
</tr>
<tr>
<td>T1/T2</td>
<td>Timothy Cardozo</td>
<td>Biochemistry; Rheumatology; Pathology</td>
<td>Pilot Study to Advance the Development of a Personalized Biologic Clinical Probe Targeting Pathogenic anti-Ro Antibodies that Cause Congenital Heart Block</td>
</tr>
<tr>
<td>T1/T2</td>
<td>Henry Rusinek and Samir Taneja</td>
<td>Radiology; Urology</td>
<td>Optimized Management of Prostate Cancer: Pre-Acquired MRI and Image Fusion for Improved Transrectal Biopsies</td>
</tr>
<tr>
<td>T2</td>
<td>Yvonne Lui</td>
<td>Radiology; Rehabilitative Medicine</td>
<td>Pattern Classification of Quantitative MRI and 1HMRS for Diagnosis in Mild Traumatic Brain Injury</td>
</tr>
<tr>
<td>T3</td>
<td>Saul Blecker</td>
<td>DGIM; Cardiology; Wagner</td>
<td>Outcomes of Heart Failure and Diabetes in the HHC Population</td>
</tr>
<tr>
<td>T3</td>
<td>Jeffrey D. Greenberg</td>
<td>Rheumatology; DGIM</td>
<td>Pilot Comparative Effectiveness Trial of Two Behavioral Interventions in Minority Patients with Rheumatoid Arthritis</td>
</tr>
<tr>
<td>T3</td>
<td>Balavenkatesh Kanna</td>
<td>Lincoln Medical and Mental Health Center; DGIM; Arthur Ashe Institute for Urban Health</td>
<td>Evaluation of Worksites and Workers in Inner-City New York City (NYC) Community Based Organizations (CBO) Utilizing Community Based Participatory Research (CBPR) to Develop Obesity Interventions</td>
</tr>
<tr>
<td>T3</td>
<td>Jennifer McNeely</td>
<td>DGIM; Steinhardt; College of Dentistry and Nursing; Psychiatry</td>
<td>Validation of a Short Drug Screen in Primary Care</td>
</tr>
<tr>
<td>T3</td>
<td>Tod Mijanovich</td>
<td>Wagner; DGIM</td>
<td>The Influence of Height-Adjustable Desks on Health and Obesity</td>
</tr>
<tr>
<td>T3</td>
<td>Victoria Raveis</td>
<td>Dentistry and Nursing; Cardiology</td>
<td>Implementing a Community-Based Cancer Survivorship Program for Korean American Caregivers</td>
</tr>
</tbody>
</table>
As part of the reorganization, Research Step-by-Step has been replaced by CTSI Support and Services. This reflects both fewer steps (application for membership has been eliminated) and the aim of providing a comprehensive guide to all the services that the CTSI offers and all the ways in which CTSI support can be accessed to utilize those services.

Wherever further clarification is required on navigating these services, applying for support, or navigating the research process more generally, Hal Rosenblatt is available to provide a Research Concierge service to aid researchers.

Hopefully, this streamlining and clarification will result in even more clinical and translational researchers accessing the many services the CTSI offers, and following the path of those who have found that these services have been invaluable aids in bringing their research to a new level.

CTSI Highlights site provides profiles of successes such as:

A pilot grant awarded in 2010 to Dr. Jeffrey Berger to initiate exploration of the role of platelets in cardiovascular disease contributed to his receipt of one of twelve Doris Duke Foundation Career Development Awards (designed to assist early career physician-scientist faculty in their transition to independence) and two additional grant awards as well.

An in-depth Research Studio helped award a $10 million multi-center grant award from AHRQ, led by Dr. Stephen Warren, to conduct a comparative effectiveness study of the use of the Online Wound Electronic Medical Record (OWEMR) as a clinical intervention tool in reducing amputations resulting from diabetic foot ulcers.

These success stories are just a few of the different ways that the Highlights pages provide views into the productivity and success of the CTSI so far. Along with these success profiles, there is a “By the Numbers” section that provides some key metrics on how people have used the CTSI. There are listings of pilot projects funded, along with the papers and grants that have thus far grown out of these pilots. Finally, there is a listing of all publications that have been at least partially supported by the CTSI.

Don’t miss another CTSI opportunity!
Pilot and training grant requests for applications are announced via the CTSI email listserve and Twitter feed.
CEPHR Welcomes Community-based Participatory Research Expert Nina Wallerstein to NYU

On October 24, NYU welcomed Nina Wallerstein, DrPH to NYU for two presentations as part of its quarterly seminar series. Wallerstein spoke on “Implementing, Disseminating, and Measuring Community-based Participatory Research Interventions to Reduce Health Disparities” at the School of Medicine and “Community Engagement through Community-based Participatory Action Research” at the Steinhardt School of Culture, Education and Human Development, a co-sponsor of her visit. CEPHR’s next seminar will be in April 2012 with Dr. Margarita Alegría from the Cambridge Health Alliance.

Community-based Participatory Research Training

Deemed an Overwhelming Success

On December 15, CEPHR hosted the first in a series of CBPR trainings currently in development for NYU faculty and staff. The half day workshop titled “An Interactive Workshop on Community-based Participatory Research: Principles and Practices for Development of Translational Research” was led by Darius Tandon, PhD, Director of the Community Engagement Core of the Institute for Clinical and Translational Research at Johns Hopkins University School of Medicine, and Editor in Chief of Progress in Community Health Partnerships Journal. Attendees included NYU faculty, staff, and trainees from the Division of General Internal Medicine, College of Nursing, Department of Emergency Medicine, and the NYU Child Study Center, and the CTSI’s TREC program. Demand for the workshop exceeded capacity, demonstrating great interest among NYU researchers to apply a CBPR approach in their work. Future in-person workshops and on-line modules are scheduled for 2012.

Community Empowered Research Training Held in December

On December 2, the NYU Institute of Community Health and Research held the second Community-empowered Research Training (CERT) Day. A collaboration of the Community Engagement and Population Health Research (CEPHR) Core of the CTSI and the NYU Prevention Research Center, CERT is an academic-community partnership dedicated to strengthening community leadership in research. The one-day training and networking event was attended by over 40 senior leaders and management staff of community-based organizations from across the US.  

Story continued on page 9
Physician Scientist Training Program Selects Four Dean’s Scholars

The goals of the Physician Scientist Training Program (PSTP) are to improve the education of NYU’s housestaff, increase the cadre of translational researchers at NYU, and foster interdisciplinary approaches among our faculty by providing salary support and mentoring to residents and fellows. The program’s fourth round of applications were recently reviewed; this year’s selection process was the most competitive to date, with only four of twelve applications accepted. All of the applications had considerable merit. Funding will be for the 2012 academic year, starting July 1, 2012.

<table>
<thead>
<tr>
<th>Awardee</th>
<th>Div/Dept</th>
<th>Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthias Kugler</td>
<td>Pulmonary, Critical Care, and Sleep Medicine</td>
<td>John Munger, William Rom</td>
</tr>
<tr>
<td>Johannes Nowatzky</td>
<td>Rheumatology</td>
<td>Nina Bhardwaj</td>
</tr>
<tr>
<td>John-Ross Rizzo</td>
<td>Physical Medicine and Rehabilitation</td>
<td>Michael Landy, Preeti Raghavan</td>
</tr>
<tr>
<td>Andrew Varga</td>
<td>Pulmonary, Critical Care, and Sleep Medicine</td>
<td>David Rapoport, Indu Ayappa</td>
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Gourevitch, Melkus Honored as Translational Research Mentors of the Year

NYU College of Nursing’s Gail Melkus, EdD, C-NP, FAAN accepts her award from CTSI Co-Director Bruce Cronstein during November 28’s Translational Research in Progress Seminar. Marc Gourevitch, MD, MPH (not pictured) was also honored.

Masters of Science in Clinical Investigation Program Now Accepting Applications

The CTSI and TREC are proud to offer a Masters of Science degree in Clinical Investigation. Trainees can pursue a concentration in Translational Medicine. (A concentration in Comparative Effectiveness Research is also available; this program is also accepting applications.) The Master's program curriculum consists of 33-36 credits. Throughout the two years of the program, scholars complete a mentored research project. Other program milestones include presenting research at a national meeting, submitting a paper for peer-reviewed publication, assembling an academic portfolio, and preparing a 2-year minimum grant application for federal or other national funding.

Applications are due by March 30 and can be found, along with information about eligibility, at http://ctsi.med.nyu.edu/researcher-resources/training-and-education-trec-landing/degree-programs/msci/msci-eligibility-and-a
Conigliaro Serves as National CTSA Reviewer

In October 2011, Dr. Joseph Conigliaro, Senior Scientist and Director of Practice Based Research at the NYU-HHC CTSI, served as a reviewer for the National CTSA Review Committee. Conigliaro provided reviews for both the Biomedical Informatics and the Practice Based Research Network key function sections. The invitation is both a credit to Conigliaro’s scientific accomplishments and one of the highest forms of service to national biomedical research. “I am excited about being part of the peer review process at this level particularly in light of the tremendous amount of scientific learning there is to acquire — and bring back to NYU and HHC,” commented Conigliaro.

Preliminary Review of H1 Pilot Study Data Shows Promise

Early review of the Screening for Depression in Mexican, Ecuadorian, and Puerto Rican Primary Care Patients H1 pilot study data suggests differences between Latino subgroups with regard to family size and structure and trauma history. For example, Ecuadorians seem more likely to be separated from their children and have larger families than the Mexican subjects in the sample. In addition, in June 2011, the study was amended to include a third Latino subgroup, Puerto Ricans, chosen because in general Puerto Ricans are more acculturated than the other Latino subgroups (Mexicans and Ecuadorians) being studied. Study investigators therefore anticipate that Puerto Ricans will be more similar to the non-Latino White control group. Studying Puerto Ricans may allow them to see the effect of the many advantages of citizenship, and the contribution of speaking English, in addition to other assimilation variables. The addition of this group also increased study recruitment goals to 280 patients. To date, the study has recruited a total of 233 patients.

Barnes Joins CTSI as HHC Assistant Director of Research Administration

Caroline Barnes is the assistant director of Research Administration at the New York City Health and Hospitals Corporation. She works primarily with the Clinical and Translational Science Institute, a partnership with New York University designed to address the health challenges facing New York and the nation. Barnes received her MPH from the State University of New York, Downstate School of Public Health, concentrating on urban health and health care policy. She spent a semester abroad in South Africa studying the delivery of health care, including antiretroviral therapy to treat HIV/AIDS, in both rural and urban settings. During her time at Downstate, internships at the NYC Department of Health and Mental Hygiene and the office of a New York State senator provided invaluable knowledge about health care issues at the state and city level. Barnes received the SUNY Downstate Rose Jackman Award for Outstanding Community Service for her work with Brooklyn seniors to identify deficiencies in prescription bottle labeling practices and her volunteer activities with the Bellevue/NYU Program for Survivors of Torture. Ms. Barnes received her undergraduate degree in political science at Fordham University and spent more than two years interning in various departments of NYU Medical Center.

All researchers at affiliated HHC facilities are eligible for CTSI support, including educational opportunities, consultations, facility usage, and pilot funding. To see the opportunities available, visit the CTSI’s Support and Services page or contact Caroline Barnes at Caroline.Barnes@nychhc.org
Investigating ResearchMatch’s Feasibility Search Function

Looking for study volunteers with specific conditions or medications? A ResearchMatch feasibility search will tell you about the characteristics of the National Registry population, but not about its individual registrants. All search results are rounded to protect volunteer confidentiality. No IRB approval of your protocol is needed to search the registry for aggregate data. Take a minute to view the ResearchMatch National Registry to learn more about how it may help your recruitment efforts.

CTSI members are encouraged to register with ResearchMatch by visiting https://www.researchmatch.org/researchers/. After creating your ResearchMatch Researcher account with feasibility access, you can easily “add a new study” into the system if you wish to use the ResearchMatch registry as a recruitment tool for a specific IRB-approved study.

Statistics Consultations Available to CTSI Members

Statistics consultations offer an opportunity for researchers to obtain a brief statistical consultation regarding study design and analysis issues. These appointments also provide an opportunity to learn about the resources that are available for statistical consultation and collaboration. Collaboration and consultation is available to members of the NYU-HHC CTSI for the development of research proposals for peer reviewed funding, for the development of research protocols, and for some short term research projects without costs to members. To make an appointment for a consultation, contact Bernice Townsend at (212) 263-0314 or Bernice.Townsend@nyumc.org.

Introduction to Biostatistics Online Training Course Now Available

NYU’s Division of Biostatistics has modified OpenCourseWare, originally developed by John Hopkins Bloomberg School of Public Health, and made it available to all NYU-HHC CTSI members.

To enroll:
1) Log in to ALEX (http://alex.med.nyu.edu) with your kerberos ID or NetID and password.
2) On your My Workspace site, select ‘Membership’ from the left-hand menu of options.
3) Click ‘Joinable Sites’ at the top of the Membership page.
4) Find CTSI Introduction to Biostatistics (the first option in the list) and click ‘Join’
CRC Protocol Spotlight

Mucopolysaccharidosis IV type A (Morquio syndrome, MPS IVA) is an inherited, autosomal recessive disorder studied by NYU investigator Greg Pastores. Belonging to the group of lysosomal storage disorders, Morquio syndrome is caused by a deficiency of a lysosomal enzyme required for the degradation of the glycosaminoglycan (GAG) keratan sulfate (KS), which results in GAG accumulation in many tissues and organs and is excreted in the urine. There is currently no standard accepted treatment for MPS IVA other than supportive care. Enzyme replacement therapy (ERT) with BMN 110 (rhGALNS) may be a potential new treatment option for MPS IVA patients. BMN 110 is expected to reduce the progressive accumulation of KS and improve signs and symptoms of the disease. This Phase 3 study will evaluate the efficacy and safety of 2.0 mg/kg/week and 2.0 mg/kg/every other week BMN 110 in patients with Morquio A Syndrome. To date, the study has enrolled 6 subjects who require one-on-one Clinical Research Center nursing care for a 4-hour infusion and 1 hour post-observation. Nursing assessments, continuous vital signs and visit PKs are included. The protocol is conducted weekly for 6 months with an extension study to follow.

Community Empowered Research Training Held in December

...Continued from page 5  Sessions included a mock grant review exercise, community leader presentations on successful community-engaged research projects, and a panel on federal public health initiatives, including the Community Transformation Grants. Speakers included Roger Hayes, Assistant Commissioner of the East & Central Harlem District Public Health Office, NY DOHMH, and Brenda Henry, Program Officer of the Robert Wood Johnson Foundation. The next CERT workshop is scheduled for spring 2012.

8th Annual Asian American, Native Hawaiian and Pacific Islander Health Conference Connecting the Dots: Promoting Health Equity for Asian American, Native Hawaiian, and Pacific Islander Populations Held

On December 3, the NYU Center for the Study of Asian American Health, in partnership with the Asian and Pacific Islander American Health Forum, co-hosted the 6th Annual Asian American, Native Hawaiian, and Pacific Islander Health Conference in Farkas Auditorium. CEPHR was a co-sponsor of the conference which brought together over 140 government, community, and academic experts within an agenda-setting structure to define recommendations to promote health equity for Asian American, Native Hawaiian, and Pacific Islander (AA and NHPI) populations and to support the 2011 US Department of Health and Human Services (HHS) Plan for AA and NHPI Health. Keynote speakers included Rochelle Rollins, Director, Division of Policy and Data, Office of Minority Health, HHS, and Sefa Aina, Commission Member of the President’s Advisory Commission on Asian Americans and Pacific Islanders. Community, academic, and government leaders, including HHS Assistant Secretary for Health, Howard Koh, were recognized in an award ceremony for their tremendous contribution to improving AA and NHPI Health. Conference proceedings outlining the specific recommendations and strategies for achieving health equity for AA and NHPI communities will be presented to strategic HHS leaders in March 2012.
CTSI Transition to Translational Research Building Complete

The CTSI has a new home within NYU’s Translational Research Building. Located on 30th Street between 2nd and 3rd Avenues, our space on the 8th floor houses CTSI administrative staff, hosts classes and seminars, and is the location of the Scientific Review and Executive Committees monthly meetings. A large conference room on the ground floor is slated to open this spring; watch for details about a celebratory open house.
This month finds the CTSI in a state of transition. Construction on the Translational Research Building on 30th Street is essentially complete and the CTSI has started to occupy administrative space on the eighth floor. This stunning space will provide a home for Translational Research at NYU School of Medicine. This building is home to many other CTSI programs and cores, as well as other NYUSOM groups. The Training Research Education and Careers (TREC) Program occupies new offices and classrooms there, including a fully equipped computer classroom. The Center for Health Informatics and Bioinformatics (CHIBI) and the Community Engagement and Population Health Research (CEPHR) Programs are also located there. Over the next few months, as offices and conference space is completed, Research IT, the Cardiovascular Clinical Research Center, and the ISCHEMIA trial Clinical Coordinating Center will also move into the facility. We are planning official opening festivities later this fall; watch for our announcement and join us as we celebrate our new home.

The ISCHEMIA trial was featured in a recent National CTSA announcement. The trial will be led by our CTSI co-director Judith Hochman, as study chair and PI of an 84-million dollar NHLBI grant to NYU. Vanderbilt’s CTSA also participated in the trial’s development. The ISCHEMIA trial Study co-chair, David Maron, is on faculty there, and their CTSA supported a global internet-based feasibility survey. This is another example of the broad impact of the CTSA's.
Meet the CTSI Administrative Core

The Administrative Core was born out of the need to coordinate activities for the myriad programs of the CTSI. The Administrative Core members meet monthly as a group with Deborah Chavis-Keeling, the CTSI Director for Administration & Finance, to report on each respective program’s activities. “Having these managers and coordinators do much of the operational legwork for their cores allows the Directors for each program to focus on the CTSA’s ‘big picture’,” says Chavis-Keeling. Each manager/coordinator serves on CTSI operational projects, among them the website redo team, the policy development panel, and the evaluation workgroup, which assists the Evaluation & Tracking Program in gauging the successes of the CTSI programs. Additionally, many of the managers/coordinators serve on institutional committees, providing for synergies on related projects. Chavis-Keeling says, “I count myself very fortunate to have such a great team in place! They make my job easier, and they help to spread the word about the CTSI and its programs and services.” To learn some fun facts about the team, please read below.

**LOURDES VELASQUEZ**

**Email:** Lourdes.Velasquez@nyumc.org
**Official title:** Clinical Research Center Program Coordinator

**How long have you worked for NYU?** 9 years
**Describe what you do for the CTSI in 10 words or less:** Coordination of billing, census reporting, purchasing and special events.
**The best thing about working for the CTSI is...** being part of a team that encourages researchers to think outside the box.
**Favorite NYC spot:** The New York Botanical Garden
**In my spare time, I like to...** spend time with my family and play outdoor sports.
**Secret talent:** I can bat my eyelashes really fast.

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**DEBORAH CHAVIS-KEELING**

**Email:** Deborah.Keeling@nyumc.org
**Official title:** Director of Administration and Finance for the CTSI

**How long have you worked for NYU?** 15 years
**Describe what you do for the CTSI in 10 words or less:** Anything and everything, but mostly, direct operations.
**The best thing about working for the CTSI is...** the Administrative Team I have been able to assemble.
**Favorite NYC spot:** In Brooklyn, Sheepshead Bay; Bronx, Botanic Gardens; Queens, Citifield; Manhattan, Washington Square; Staten Island, South Beach
**In my spare time, I like to...** cook and catch up on reality shows.
**Secret talent:** I used to be a competitive disco dancer, so I guess dancing would be a secret talent (long live disco!).
Meet the CTSI Administrative Core

KATE NYLAND

Email: Kathryn.Nyland@nyumc.org
Official title: Training Research Education and Careers (TREC) Program Manager
How long have you worked for NYU? Since December ’09
Describe what you do for the CTSI in 10 words or less: Oversee the CTSI’s research training programs and training grants.
The best thing about working for the CTSI is... I truly feel appreciated.
Favorite NYC spot: Rockaway Beach
In my spare time, I like to... listen to vinyl, picnic in Prospect Park, go antiquing.
Secret talent: Running marathons

CLAUDIA GALEANO

Email: Claudia.Galeano@nyumc.org
Official title: Administrative Coordinator, CTSI/TREC
How long have you worked for NYU? 5 years
Describe what you do for the CTSI in 10 words or less: Provide administrative support to the CTSI and TREC program including the MS.
The best thing about working for the CTSI is... I am proud to be a part of this amazing administrative team and community of physician educators that through innovative ways are training physicians in the areas of clinical and translational research.
Favorite NYC spot: NY Botanical Garden
In my spare time, I like to... read, watch movies and go to the gym.
Secret talent: Horseback riding

STEVEN SOTERO

Email: Steven.Sotero@nyumc.org
Official title: Informatics Core Manager
How long have you worked for NYU? 4 years
Describe what you do for the CTSI in 10 words or less: I manage informatics applications, act as the webmaster for the CTSI website, and connect investigators with the proper informatics solutions for their needs. (Sorry that's more than 10!)
The best thing about working for the CTSI is... The wonderful, friendly people I get to work with.
Favorite NYC spot: Central Park in the summer
In my spare time, I like to... watch movies.
Secret talent: Karaoke
HAL ROSENBLATT

Email: Hal.Rosenblatt@nyumc.org
Official title: Research Protocol Coordinator
How long have you worked for NYU? 23 years

Describe what you do for the CTSI in 10 words or less: Navigate people through the research and regulatory process and coordinate review of projects submitted to the CTSI for support.

The best thing about working for the CTSI is... The staff. A great bunch of people.

Favorite NYC spot: Central Park

In my spare time, I like to... go to the theater, read, eat out with family and friends.

Secret talent: I play guitar and piano.

RUPI HAYER

Email: Rupinder.Hayer@nyumc.org
Official title: Program Coordinator, Evaluation & Tracking
How long have you worked for NYU? My official start date was June 27, 2011.

Describe what you do for the CTSI in 10 words or less: I will be coordinating the evaluation component of the CTSI.

The best thing about working for the CTSI is... The team: everyone is very friendly and passionate about working here.

Favorite NYC spot: Blockheads - it has good Mexican food and even better margaritas.

In my spare time, I like to... read, travel, dance, host game night for my friends, exercise and cook.

Secret talent: It wouldn't be a secret if I told you.

CLAUDIA CALHOON

Email: Claudia.Calhoon@nyumc.org
Official title: Community Engagement and Population Health Research (CEPHR) Program Manager
How long have you worked for NYU? Since October 2008

Describe what you do for the CTSI in 10 words or less: Manage and execute CEPHR activities.

The best thing about working for the CTSI is... the variety of types of responsibilities that I have.

Favorite NYC spot: The Cloisters

In my spare time, I like to... Dance salsa, swim laps, see movies

Secret talent: Armchair film critic
NYU Partners With Charles B. Wang Community Health Center on Community Empowered Research Training Program

On May 19 and May 20, the NYU Institute of Community Health and Research and the Charles B. Wang Community Health Center launched the Community Empowered Research Training (CERT) Program. Partially supported by the Community Engagement and Population Health Research (CEPHR) Core of the CTSI, the CERT program is an academic-community partnership dedicated to strengthening community leadership in research. The two-day training and networking event was attended by over 20 Executive Directors and Program Managers from community-based organizations and the NYC Department of Health and Mental Hygiene. Panels and facilitated discussions addressed fundraising and sustainability, using data to inform policy and practice, and how to write a winning research proposal. NYU and Charles B. Wang will host a one-day training on December 2 to coincide with the Center for the Study of Asian American Health Conference.

APHA President Dr. Linda Murray Comes to NYU

On June 1, NYU welcomed Dr. Linda Murray, President of the American Public Health Association (APHA), to speak at NYULMC. Dr. Murray spoke about the need to place more emphasis on addressing the community-level root causes of health disparities and social determinants of health. Dr. Murray currently serves as the President of APHA, the Chief Medical Officer (CMO) for the Cook County Department of Public Health of the Cook County Health and Hospital System, is an attending physician at Cook County Hospital, and an adjunct Assistant Professor at the University Of Illinois School Of Public Health. She has also served as the CMO of Primary Care for the Ambulatory & Community Health Network of the Cook County Bureau of Health Services, comprised of 23 primary care and community health centers, and one of the nation’s largest public medical care systems.

CEPHR Congratulates Community Advisory Board Co-Chair Dr. Rosa Gil on Comunilife Benefit

CEPHR is pleased to congratulate Dr. Rosa Gil, Co-Chair of the CTSI’s Community Advisory Board. Dr. Gil is the Executive Director of Comunilife, Inc., which will mark its twenty-second anniversary with a Gala Event on Friday, October 28. Comunilife is a not-for-profit organization that works to enable individuals to live independent, productive lives in their own communities by tapping their resiliency and mobilizing the social capital of their communities.

CEPHR News Continued on Page 9
KL2 Trainees Show Themselves to be Prolific Publishers

Recipients of the NIH KL2 training award devote seventy-five percent of their effort to conducting translational research, with the expectation that they publish often. The current and past KL2 appointees have been productive on this front. Below are selections from amongst their dozens of recent publications and presentations.

**2012 KL2 and TL1 Program Awardees Announced**

The NYU-HHC Clinical and Translational Science Institute (CTSI) recently announced the appointments of two KL2 NIH postdoctoral scholars and six TL1 NIH predoctoral scholars. The KL2 and TL1 program committees within the CTSI’s Training Research Education and Careers (TREC) core reviewed twenty and twenty-three applications, respectively. Awardees will begin their appointments in January of 2012. Congratulations!

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**TL1**

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<td>Applied Psychology</td>
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**KL2 Trainees Show Themselves to be Prolific Publishers**

Recipients of the NIH KL2 training award devote seventy-five percent of their effort to conducting translational research, with the expectation that they publish often. The current and past KL2 appointees have been productive on this front. Below are selections from amongst their dozens of recent publications and presentations.

**Jessica Donington (1/10 – 12/11)**


**Jennifer McNeely (1/10 – 9/10)**

McNeely J, Silvera R, Torres K, Bernstein K, Gourevitch MN, Aberg J, Daskalakis DD. Misuse of Opioid-Misuse and Sex Enhancing Drugs is On Par with Sexual Behavior as an HIV Risk Factor Among Highly Sexually Active MSM in New York City [oral presentation at Society of General Internal Medicine, 33rd Annual Meeting, Minneapolis, April 2010]. PMID: 20689445

**Kelley Newlin (1/10 – 12/11)**


**Jose Scher (5/11 – 4/13)**


**Sumathi Sivapalasingam (1/10 – 12/11)**


Introduction to Biostatistics Online Training Course To Be Offered by NYU’s Division of Biostatistics

*Introduction to Biostatistics* has been made available online via ALEX (Advanced Learning Exchange) by the School of Medicine’s Division of Biostatistics. Visit [http://alex.med.nyu.edu](http://alex.med.nyu.edu) to register for the entire course or for specific topics.

This course, developed by Johns Hopkins Bloomberg School of Public Health, presents fundamental concepts of statistical theory and practice as they are applied in the context of translational and clinical research. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions; statistical hypothesis testing; issues of power and sample size in study designs; and random sample and other study design issues. While there are some formulae and computational elements to the course, the emphasis is on interpretation and conceptual understanding.

The course consists of lecture slides and accompanying audio for each session. Each audio module will take 5 - 20 minutes. Topics include: Describing Data and Theoretical Distributions; Sampling Variability, Confidence Intervals, and \( p \)-values for Means and Differences in Means; An Introduction to Hypothesis; Testing: The Paired \( t \)-Test; Comparing Means among Two (or More) Independent Populations; Measures of Association, Sampling Variability, Confidence Intervals and \( p \)-values for Binary Outcomes; Simple Linear Regression; Comparing Proportions Between Two Independent Populations; When Time is of Interest: The Case for Survival Analysis; Time to Event Data; Study Design; and Confounding and Effect Modification.

It will be feasible to complete all the modules in three to four weeks, although it can be done at your own pace. You can take the entire course and receive a certificate of completion or you can take selected modules. There is a pre-test and a post-test to help us evaluate the effectiveness of the course.

Statistics Consulting Fall Workshops Dates Announced

Statistics consulting workshops offer an opportunity for researchers to obtain a brief statistical consultation regarding study design and analysis issues. These workshops also provide an opportunity to learn about the resources that are available for statistical consultation and collaboration. Collaboration and consultation is available to members of the NYU-HHC CTSI for the development of research proposals for peer reviewed funding, for the development of research protocols, and for some short term research projects without costs to members.

Workshops are held every other Wednesday from 2 – 4 PM. Dates this fall are: October 5, October 19, November 2, November 16, November 30, and December 14. Location: 650 First Avenue @ 38th Street in the 5th Floor Conference Room.

Changes Proposed to DHHS’ Human Research Subjects Regulations

Recently, the DHHS (Department of Health and Human Services) announced plans to improve the regulations protecting human research subjects (45 CFR 46, 160, & 164; and 21 CFR 50 & 56). Many of these proposed changes are intended to reduce bureaucracy, streamline oversight responsibility in addition to enhancing protections. Key elements of the changes are summarized below:

- Revising the existing risk-based framework to more accurately calibrate the level of IRB review to the level of risk (includes clarifying which type of studies or stages of study conduct may not require continuing review).
- Using a single Institutional Review Board review for all domestic sites of multi-site studies.
- Updating and simplifying the elements of the informed consent form.
- Establishing one uniform set of data security and information protection standards for all studies involving identifiable or potentially identifiable data.
- Harmonizing the inter-agency definitions and requirements for safety reporting, and providing one centralized method of reporting that will inform all applicable agencies.
- Extending federal regulatory protections to all human subjects research regardless of funding source. (Current protection requirements only affect research that is federally funded or FDA-regulated.)
- Providing uniform guidance on federal regulations protecting human subjects.

For a more detailed overview of all the proposed changes, see http://www.hhs.gov/ohrp/humansubjects/anprmchangetable.html. Regarding the Advance Notice of Proposed Rule-Making on the Common Rule, the comment period opened on July 25, 2011: http://www.hhs.gov/ohrp/humansubjects/anprm2011page.html

Christina Coiro Named New Director of Research Administration at HHC

Christina Coiro, JD, MPA has been named as the new Director of the Research Administration Office at the New York City Health and Hospitals Corporation. Christina comes to this position with a diverse health background. She joined HHC’s Research Administration office after completing law school at Seton Hall University School of Law. While there, she interned at the school’s Center for Social Justice and the New York Civil Liberties Union both with a primary focus on health issues. Prior to law school, Christina spent four years working in development at Gilda’s Club Worldwide, a nonprofit organization for people living with cancer, where she oversaw annual individual and foundation giving. Christina’s research experience comes from her role as Laboratory Director in the Behavioral Neuroscience-Appetitive Behavior research laboratory at Barnard College, in collaboration with St. Luke’s-Roosevelt Hospital’s Obesity Research Center, as part of an NIMH grant. Christina earned her MPA degree in Health Policy & Management from NYU’s Robert F. Wagner School of Public Service and specialized in policy. Christina has received several grants to continue her laboratory studies and was published several times. She is excited about moving HHC’s overall research agenda and sees the NYU-HHC CTSI collaboration as an incredible opportunity for both organizations.
CEPHR Leadership Promotes Research in Cardiovascular Disease with the Filipino Community

In collaboration with NYULMC’s Center for Study of Asian American Health (CSAAH) CEPHR is spurring research in health disparities affecting Filipino populations in the United States. Due to the major health disparity of premature cardiovascular morbidity and mortality prevalent in the Filipino American community, CSAAH, along with their community partner, Kalusugan Coalition, Inc., initiated Project AsPIRE. The goal is to develop, test and evaluate a community health worker (CHW) model designed to improve hypertension management and access to healthcare among Filipino Americans living in New York City. Project AsPIRE is funded by a unique 11-year NIH R24 grant “Investigator-Initiated Resource-Related Research Projects Applications.” CSAAH also received an NIH R13 grant “Support for Conferences and Scientific Meetings” for this past summer's second International Filipino Health Summit, co-sponsored by CSAAH and the University of the Philippines Medical Alumni Society in America (UPMASA). Mariano Rey, MD, the principal investigator of Project AsPIRE and co-chair of the CEPHR Core, provided the keynote address at this year’s forum.

CEPHR Offers Seminars on Implementation and Dissemination Research and Community-based Participatory Research

On Tuesday, June 7, CEPHR welcomed Dr. William Trochim from Weill Cornell Clinical and Translational Science Center to NYU for Quarterly Seminar. Dr. Trochim is one of the leaders in the emerging area of evaluating large research center grant initiatives. His presentation included a detailed explanation of the origins of the frequently-cited statistic that it takes 17 years for research evidence to reach clinical practice. Dr. Trochim suggested that in fact, this interval underestimates the amount of time it takes to translate from research to impact on population health. Implementation and dissemination will be essential to translating scientific advances to population level outcomes. CEPHR’s next seminar will take place on Monday, October 24, when CEPHR will welcome Dr. Nina Wallerstein, a national leader in community-based participatory research from the University of New Mexico. Dr. Wallerstein be speaking from 10 to 11:30 AM in Alumni Hall B at NYU Langone Medical Center.

CRC Protocol Spotlight

Dr. Irina Barash, a junior investigator in Nephrology in the Department of Medicine, is the principal investigator of a very promising clinical study that recently began in the CTSI’s Clinical Research Center (CRC). This randomized, double-blind, placebo-controlled industry-sponsored trial is attempting to evaluate the role of the research drug called Bosutinib in slowing the progression of polycystic kidney disease (PKD). Bosutinib is a tyrosine kinase inhibitor that blocks growth and survival signals within cells. These signals have been found to be abnormal in the PKD cells that line the cysts. In animal models of PKD, Bosutinib was shown to decrease the size of cysts and enlarged kidneys. So far in the CRC, 4 patients have been randomized for the study, with a target of 6 by the end of this year. Globally, Dr. Barash is the second largest enroller of patients in this multicenter study. It is also interesting to note that Dr. Barash has recently been awarded a CTSI pilot award for a translational project titled “Platelet Activity as a Biomarker of Thrombosis in Dialysis Patients.”
CTSI EVENTS AND OPPORTUNITIES

TREC Grand Rounds in Career Development
The Translational Research Education and Careers (TREC) Program is pleased to host Janet Bickel, Career and Leadership Development Coach and Consultant. Janet will be presenting What Happens When Difficult Issues Arise in Mentoring Relationships? Making the “Undiscussable” Discussable on Thursday, October 20 from Noon to 1 PM in the Saul Farber Auditorium of Bellevue Hospital. All are welcome to attend; lunch will be served. Please RSVP to Kathryn.Nyland@nyumc.org.

Community Engagement and Population Health Research Quarterly Seminar
On Monday, October 24, CEPHR will welcome Dr. Nina Wallerstein from the University of New Mexico. Dr. Wallerstein will be speaking on community-based participatory research from 10 to 11:30 AM in Alumni Hall B at NYU Langone Medical Center. RSVP to Claudia.Calhoon@nyumc.org.

The NYU-HHC CTSI is seeking applications for translational research pilot projects. The intent of the NYU-HHC CTSI Translational Research Pilot Project Awards is to support the development of T1-T3 translational research among investigators associated with the CTSI. Awards of up to $50,000 will be distributed to support one-year projects, beginning January 2012. A 1-page letter of intent (~500 words) indicating the purpose of the proposed project must be submitted no later than October 3, 2011. Those invited to apply must submit a full application by November 18, 2011. The full Request for Applications can be found here.

Sripal Bangalore (above) and Bernd Hewing (not pictured) give an update on their CTSI-funded pilot project Molecular Markers in Stable and Unstable Coronary Plaques

If you are interested in attending the October 18-19 ITMAT Symposium entitled Translational Strategies in Contemporary Science on behalf of the CTSI, contact Deborah.Keeling@nyumc.org to be nominated to have your registration fees waived.
A Message from the Co-Directors

Washington DC, the home of alphabet bureaus, recently hosted the annual meeting of ACRT (Association for Clinical Research Training)/SCTS (Society for Clinical and Translational Science)/APOR (Association for Patient Oriented Research)/AFMR (American Federation for Medical Research). This growing annual meeting is designed to bring together trainees in clinical and translational research with senior researchers to promote training and career development. In addition to presentation of their scientific work, trainees were offered the opportunity to attend mock study sections, meet with project officers from NIH Institutes, and directly query senior leadership of the NIH and the NCRR, the current “home” of the CTSAs. The plenary sessions were devoted, for the most part, to issues in clinical/translational investigation, training, and the impact of the recent changes at the NIH.

Like so many other meetings, this meeting offered an opportunity to directly address our fellow CTSA directors and to discuss mutual problems. Because the Director of the NIH was addressing the mission and structure of the new National Center for the Advancement of Translational Science (NCATS) where the CTSAs will be administered, the future of the program dominated the discussions in the halls outside of the meeting rooms. Although the study and practice of drug development dominated the mission statement of the new center, it is clear that implementation...CONTINUED ON PAGE 2
NIH’s Stephen Katz Conducts Site Visit to Inform CTSA Redesign

National Center for Research Resources (NCRR), the current home for Clinical and Translational Science Institutes, will soon be replaced when CTSAs join the National Center for the Advancement of Translational Science (NCATS). To help determine the value, direction, and composition of CTSAs during this transition, the NIH formed an intramural committee chaired by Stephen Katz MD, PhD, the Director of the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS). In an effort to inform his role in the redesign of the CTSAs, Dr. Katz visited the NYU-HHC CTSI on April 27. Dr. Katz met with senior leadership, CTSI core directors, and junior investigators. By all accounts, the site visit was productive and informative.

REDCap Software Available to NYU-HHC CTSI Members

REDCap (Research Electronic Data Capture) is software developed at Vanderbilt University available at no cost to NYU-HHC CTSI members. This technology allows the user to build an online survey database with features like auto-validation, branching logic, and calculated fields. Multi-site access means that researchers from across institutions can collaborate more easily; data can be inputted from anywhere in the world over a secure web connection. Data can then be exported to SAS, SPSS, and other common data analysis packages. There are currently 54 projects employing REDCap at our institution. To explore the features of this software, visit http://rcplsdcpvm001.nyumc.org/apps/redcap/ from the NYU Medical Center network (or via OnsiteHealth).

A Message from the Co-Directors Continued

CONTINUED FROM PAGE 1...

research, as embodied in the Community Engagement components of the CTSAs, had gained greater prominence in the mission.

It is too early to tell which, if any, elements of the CTSAs would be phased out or reshaped to better meet the mission of the NCATS, although this is an area of intense interest on the part of the leadership of the CTSAs.

For us, the high points of this meeting were the scientific presentations by students, fellows and junior faculty, and the opportunities to interact with them during both scientific presentations and in more relaxed surroundings. Research in all areas of medicine was represented in the poster sessions and attendees from NYU School of Medicine more than held their own.

As most medical researchers become increasingly focused on their segment of their subspecialty areas, the SCTS/ACRT/APOR/AFMR meeting is one of the last venues in which topics from all areas of medicine are presented and discussed. The breadth of the presentations encourages novel collaborations and discussions, and broadens the interests of both the junior and senior investigators. We look forward to another outstanding meeting next year and we hope that attendance at this meeting will become a central tradition for translational researchers.
Community Advisory Board Co-Chair Ruth Browne Received Fulbright NEXUS Award

Community Engagement and Population Health Research (CEPHR) congratulates Community Advisory Board (CAB) Co-Chair Ruth Browne on her recent award as a Fulbright NEXUS Scholar. Part of the Science, Technology and Innovation theme of the NEXUS program, Dr. Browne’s project will promote expanded access to educational opportunity for Caribbean High School Students through the Social Determinants of Health Equity Externship, working in partnership with the University of the West Indies, the Faculty of Medical Sciences in Trinidad and Tobago, and local non-governmental organizations.

CEPHR Faculty-CAB Working Groups Get Underway

Following the Joint CEPHR CAB-Faculty Steering Committee meeting December 2010, CEPHR has identified two priority areas around which to develop academic-community-HHC collaborations: Cardiovascular Disease (CVD)/Obesity and Mental Health. Two workgroups will develop and identify potential collaborations that can be undertaken with logistical support from the CTSI. The Mental Health group had its initial meeting on April 13 and the CVD/Obesity workgroup on April 20. Both groups brainstormed ways to define achievable outcomes, leverage resources, and address social determinants of health through their approach. The workgroups are each chaired by three leaders representing community partners, HHC, and NYU. The Mental Health Group is led by Amarylis Cortijo (Institute for Family Health), Gary Belkin, (HHC Bellevue) and Sue Kaplan (NYULMC). The CVD/Obesity Group is led by Ruth Browne (Arthur Ashe Institute for Urban Health), Balavenkatesh Kanna (HHC Lincoln Medical and Mental Health Center) and Olugbenga Ogedegbe (NYULMC).

Department of Health and Mental Hygiene Commissioner Thomas Farley Welcomed to NYU-HHC by CEPHR

The CEPHR Core was pleased to host Department of Health and Mental Hygiene Commissioner (DOHMH) Thomas Farley as the inaugural speaker for the Community Engagement and Population Health Seminar Series on April 26. Dr. Farley’s talk, entitled “Translating Research Findings Into Improved Community Health,” included an overview of the DOHMH’s efforts to promote smoking cessation, address obesity, and reduce sodium intake among New York City residents.

CEPHR’s next seminar will be on Tuesday, June 7 from 4-5:30 in the Saul Farber Auditorium in Bellevue Hospital Center. Dr. William Trochim, from Weill Cornell Clinical and Translational Science Center, will present on the importance of implementation and dissemination to translation science.
The Mentor Development Program, an endeavor within the CTSI’s Translational Research Education and Careers (TREC) core, has selected the first recipients of the NYU-HHC Clinical and Translational Science Institute’s Translational Research Mentor Award. This award, a new one for the CTSI, will be granted annually to individuals who have distinguished themselves as mentors in the field of translational research. Gail Melkus EdD, C-NP, FAAN of the College of Nursing and Marc Gourevitch MD, MPH of the School of Medicine were selected for their sustained commitment to mentoring and significant positive impact on their mentees' careers. They will be recognized with a plaque and gift certificate at an upcoming CTSI Translational Research In Progress (TRIP) seminar. It is TREC’s hope that their recognition, and the recognition of other future awardees, will serve as a model and encouragement to mentors throughout the university, as mentorship is one of the most important determinants of a successful career in translational research.

Two Investigators Granted Translational Research Mentor Award

Awardees Gail Melkus (top) and Marc Gourevitch (bottom)

TREC Grand Rounds in Career Development Provide Trainees With Practical Guidance

The TREC Core, recognizing the shortage of programs meant to help junior translational researchers grow and develop in their careers, designed the new TREC Grand Rounds to address this gap. The majority of the Grand Rounds focus on issues helpful to career development, including survival skills, career track knowledge, and methodology. Seminars are geared specifically for TREC trainees and give them the opportunity to interact with the speakers and each other. Speakers have included Michael Weiden MD, Vivian Lee MD, PhD, Xavier Castellanos MD, Adina Kalet MD, and John Gallin MD, PhD. TREC Grand Rounds will be on hiatus for the summer and will return in September.

Michael Weiden MD presents Everything You Wanted To Know About K Awards at the inaugural TREC Grand Rounds on January 19, 2011
The Emergency Medical Services for Children (EMSC) program was established in 1984, and has provided grant funding for state program development in all states, the District of Columbia, and six territories, as well as EMSC Targeted Issue grants and state Partnership grants. For the past 10 years, it has also provided infrastructure funding of the PECARN (Pediatric Emergency Care Applied Research Network). Multicenter research in Pediatric Emergency Medicine is needed to determine best practices to care for illness and injuries in children in Emergency Departments and the prehospital setting, including children from economically and socially disadvantaged groups. George Foltin, MD and Michal Tunik, MD of the Center For Pediatric Emergency Medicine at Bellevue, along with Ellen Crain, MD at Jacobi Hospital and Richard Sinert, DO at Kings County Hospital Center, recently submitted an application to the HRSA/Maternal and Child Health Bureau/EMSC to rejoin the Pediatric Emergency Care Research Network (PECARN) under their reorganization RFP. With the guidance of the NYU-HHC CTSI Collaboration they have applied as the Health and Hospitals Corporation Research in Pediatrics in Public Hospitals (HHC-REPPH) with Bellevue, Jacobi and Kings County as the 3 members of the Research Node. Children seen in HHC hospitals are more likely to be uninsured and of color than in the rest of PECARN. In addition, 85% of children seen for emergency visits are cared for in other than stand-alone Children’s Hospitals.

As such, it is essential that PECARN have representation of an RNC that includes these children. The HHC application is the only one that does not consist of predominantly Children’s Hospitals and thus represents an important population receiving health care in public hospitals.

To develop the infrastructure for multicenter research public hospital pediatric emergency care, Dr. Foltin and his colleagues are collaborating with the New York City (NYC) Health and Hospitals Corporation (HHC) and the Fire Department, City of New York (FDNY) EMS to study the efficacy of therapy, transport, EMS & ED care of children requiring emergency medical treatment within the proposed Pediatric Emergency Care Applied Research Network. In addition the HHC-REPPH Research Node Center will provide scientific guidance for three HHC Hospital Emergency Department Affiliates (HEDA), create a prehospital collaborative research structure including HHC-REPPH RNC, 3 HEDAs, FDNY EMS, and HHC in NYC, and disseminate PECARN research findings to decision makers in HHC and FDNY, and national organizations.
New Collaboration Opportunities for Translational Research

The Clinical and Translational Science Awards consortium has established a website where researchers can post requests for needed collaborators to build out an idea or project. You do not have to be at a CTSA institution to post or respond to posts. New collaborations and quicker progress on all projects is the goal. Projects on the site can be listed in one of two categories: 1) Developing project or 2) Established project looking for others to join.

Each project should address an interesting question in clinical or translational research, including but not limited to preclinical research, clinical studies, biomarker development or validation, specimen studies, survey studies, methods development. The submission page has a link to an online project intake form with requested information tailored to the type of study.

Q & A with Steve Sotero, the man behind the CTSI’s Twitter account

Q: Why did the CTSI decide to create a Twitter account?
A: Having a presence on Twitter is crucial. It’s here to stay; we didn’t want to be left behind. Twitter is perfect for disseminating announcements. The tweets the CTSI sends out contain links into our website to the information that our investigators need to read.

Q: What does the average Joe need to do to receive tweets from the CTSI?
A: Sign up for a free account at twitter.com, then follow us: https://twitter.com/CTSINYULMC. You can read your feed online and even download a Twitter app to your smartphone or iPad to view it on the go. Being on Twitter is a great way to stay updated.

Q: Are any other CTSA-supported institutions using Twitter?
A: Absolutely! Harvard (@HarvardCatalyst), Rockefeller (@RockefellerUniv), the Mayo Clinic (@MayoClinicCTSA), University of Iowa (@ICTSIowa), UNC-CH (@NCTraCS) and Ohio State (@OSC_CCTS) are on Twitter, to name just a few.
IRB Awarded Full Re-Accreditation

The School of Medicine’s Human Research Protection Program (HRPP), under the direction of the Institutional Review Board, successfully completed the 2010 Association for the Accreditation of Human Research Protection Programs (AAHRPP) re-accreditation site visit after 12 months of preparation. As a result, the HRPP has received a five-year re-accreditation. The HRPP includes the IRB Administrative Office, IRB members, Sponsored Programs Administration, Research Compliance, Office of Industrial Liaisons, Office of Clinical Trials, all researchers and their staffs, and all senior leadership.

Maintaining accreditation with AAHRPP upholds the School of Medicine’s distinction as a leader in research on human subjects. “This five-year re-accreditation is recognition of NYU’s world-class achievement in successfully melding the most careful protection of human research subjects with the highest standard of service to the research community,” said Annette Johnson, senior vice president and general counsel for the Medical Center, and institutional official for the IRB. “Dr. Vivian Lee, senior vice president and vice dean for science and research, and I are immensely grateful to the IRB staff, the members of the IRB, and their collaborators in the Office of Clinical Trials and Sponsored Programs, all of whom collaboratively produced this result through their commitment and dedication to the highest ideals of human research protection and advancement of translational research.”

A noticeably high level of communication throughout the HRPP

The Office of Legal Counsel was particularly aware of the issues affecting research with humans on a local, national and international level.

Scientific review of human participant research was performed at a comprehensive level, providing the HRPP with the confidence that its decisions were firmly supported by the merit of the research.

The accessibility and responsiveness of the IRB had fostered an environment of partnership with the research community.

The HRPP’s comprehensive education program reached all contributors to the HRPP.

Looking for Collaborators?

The CTSI has set up a web page for researchers across the NYU-HHC CTSI who want to either look for existing collaboration opportunities or post requests for collaborators on a project they are in the process of formulating. This can be a project leading to a clinical trial, a basic science investigation that needs to be informed by clinical experience, an evidence-based intervention in need of community partners – any phase of translational research along the continuum from bench to bedside to community. You can view or submit projects here: http://ctsi.med.nyu.edu/for-investigators/advertise-collaborators.
A new study, “Screening for Substance Use with Computer Assisted Self Interview in Primary Care,” explores patient self-administered screening as a potentially more efficient approach to identifying substance use disorders among primary care patients. Jennifer McNeely, MD, MS, Assistant Professor in the Division of General Internal Medicine, received funding for this study through a seed grant from the NYU Center of Excellence on Addictions, and continues with support from a National Institute on Drug Abuse (NIH/NIDA) K23 career development award. Dr. McNeely will adapt a widely-used substance use screening tool to an audio-guided computer-assisted self interview (ACASI) format and then validate this instrument, while exploring potential barriers to integrating this approach into practice using mixed methods. The study is being conducted at the Bellevue adult primary care clinic, and utilizes both the CTSI's Community and Population Health Research Core and the Clinical Research Center for conducting focus groups with participants.
The Office of Collaborative Science (OCS) was established in 2010 to meet the needs of research faculty and staff at the School of Medicine and to coordinate access to technology and expertise from core collaborative resources. This is particularly important for our research partners, the NYU Clinical and Translational Science Institute, Cancer Institute, Skirball Institute of Biomolecular Medicine, Center for AIDS Research, and Centers of Excellence.

OCS’s Experimental Pathology Shared Resource provides services for the microscopic analysis of tissues for human as well as experimental animal model studies. The Experimental Pathology Shared Resource comprises two tightly affiliated cores: the Histopathology Core and the Immunohistochemistry Core. This facilitates directed "match-making" between investigators located at different sites and within different clinical and basic research departments.

The Experimental Pathology Shared Resource closely interfaces with the Tissue Acquisition and Biorepository Service (TABS), promoting collaborations necessary for novel translational studies. TABS assists investigators with sample processing and storage as well as DNA or RNA purification from blood, saliva and buccal swabs. If Prospective studies are planned with TABS personnel, related services are provided, such as IRB protocol preparation, obtaining patient consent, IRB-required record-keeping, acquisition of the specific type and number of samples required for a given study, safe sample storage, and HIPAA-compliant storage of patient information.

Another core resource is the Genome Technology Center (GTC). The GTC has recently obtained new instrumentation to significantly improve state-of-the-art deep sequencing services and platforms. The original Illumina GAII sequencer was recently upgraded to the GAIIx, which provides longer unattended runs and higher data throughput.

OCS is pleased to announce the first funding cycle for HTS screening projects through the RNAi Core. RNAi screening provides a genomewide gene discovery platform utilizing functional assays, enabling a wide variety of translational research projects. Funds are available to partially offset the costs of screening of selected projects; stem cell and stem cell-related projects are particularly encouraged. For application instructions and deadlines please contact Chi Yun at chi.yun@nyumc.org.
ABOVE: CTSI Co-Director Bruce Cronstein and Clinical Associate Professor Claudia Plottel, a current Masters of Science in Clinical Investigation scholar, attended the reception following TREC’s Masters of Science in Clinical Investigation Graduating Thesis Presentations on May 9. The program’s five graduating scholars presented their research.

LEFT: NYC Department of Health and Mental Hygiene Commissioner Thomas Farley presented Translating Research Findings into Improved Community Health: Challenges and Opportunities at the CEPHR Quarterly Research Seminar Series on April 26. For more about this event, see page 3.
A Message From the Co-Directors...

The NYU-HHC CTSI would like to extend our warmest greetings to all for a wonderful New Year. Thank you for your continued support of the CTSI.

In research news, Francis Collins, the Director of the NIH, proposed two major changes to the organization of the NIH. As with any calls for change at a time of extreme budget uncertainty, these proposals have excited a great deal of interest and discussion on their wisdom. Dr. Collins’ proposals include:

The first proposal from Dr. Collins is to merge two institutes, the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the National Institute on Drug Abuse (NIDA), into a single institute on addictions. The major objection to this merger is that the interests and programs of the smaller of these two institutes, NIAAA, will be overshadowed by the interests of NIDA and thus diffused. Proponents of the merger argue that separating the research homes for these addictions is artificial and creates bureaucratic inefficiencies. The timeline for the merger of NIAAA and NIDA is thought to be more than a year away.

More recently the Scientific Management Review Board, a body of outside scientists and NIH Directors that was designed to find ways to streamline NIH’s structure, voted to create a new Translational Science Center (the National Center for the Advancement of Translational Science) to consolidate some programs currently housed in the National Center for Research Resources (NCRR), the Director’s office, and other institutes. Among the programs to be included are the Clinical and Translational Science Awards (CTSAs), the Therapeutics for Rare and Neglected Diseases, the Cures Acceleration Network, and a drug development program which was included in the health care reform bill but not yet funded. The proposed center would become real in October 2011.

The major proposed advantage of this reorganization is the potential synergy of sharing a single management group for these related programs, a fusion which could promote more rapid development of new therapies. The development of a translational science center would also underline the contributions of the NIH to the health of the nation. Raising expectations may be a double-edged sword though; failure to develop a new therapy or cure in an unrealistically short time frame may lead to disillusionment with the mission of the NIH.

Change is always unsettling and, as the future of NIH budgets remains unclear, causes anxiety. As the development of a new center for translational science progresses, the Directors of the CTSAs look forward to working with Dr. Collins and his appointed center director to help shape a national center for translational science into an efficient and effective agent for transforming the health of our nation.
External Advisory Board Meets with NYU-HHC CTSI

On November 19, 2010, the NYU-HHC CTSI welcomed its External Advisory Board (EAB) for its annual meeting. The EAB unanimously and strongly applauded the CTSI for making significant progress.

Accomplishments noted by the Board:
- Outstanding institutional support, particularly for space and funding of programs
- Recruitment of Dr. Conigliaro to HHC and Community Engagement and Population Health Research
- The development of a new Department of Epidemiology and Statistics

Some of their recommendations included:
- Begin evaluation of CTSI program now to prepare for competitive renewal
- Community Engagement should leverage neighboring NYC populations
- Document CTSI’s role in institutional accomplishments and strategic goals

The CTSI External Advisory Board is comprised of leaders from other CTSAs. NYU’s CTSI EAB members include: Henry Ginsburg, MD (Columbia), Gregory Cooper, MD, PhD (Pittsburgh), Nancy Bennett, MD (Rochester), Tesheia Johnson, MBA, MHS (Yale), Wisha Kapoor, MD, MPH (Pittsburgh), and Bernard Talbot, MD, PhD (NIH-NCRR ex officio)

Community Engagement’s Conigliaro to Bridge Gap Between NYU and HHC

The New York City Health and Hospitals Corporation (HHC) and NYU School of Medicine Division of General Internal Medicine have jointly recruited physician-investigator Dr. Joseph Conigliaro to assist with the development and implementation of extramurally-funded research at HHC and to participate in related CTSI-associated research activities at NYU.

Conigliaro will divide his time between HHC’s Central Office and NYU, where he will strengthen research alliances between HHC and NYU, develop research grant applications that bridge NYU and HHC sites; and identify resources and opportunities for NYU and HHC investigators to pursue research with shared objectives. He will also participate in clinical activities at an HHC facility.

Before joining our CTSI, Conigliaro served as the Director of University of Kentucky’s Center for Quality and Patient Safety and Center for Biomedical Informatics. His research focus is in patient safety and dissemination and implementation of best practices using existing data to measure outcomes and change.

Dr. Mariano Rey, Dr. Michael Pillinger, and Dr. Joseph Conigliaro converse at January’s CTSI Executive Committee Meeting.
CTSI Announces Collaborative and Translational Pilot Projects Awardees for 2011

The NYU-HHC Clinical and Translational Science Institute (CTSI) recently awarded eleven pilot projects in response to the latest RFA for Collaborative and Translational research. The intent of the CTSI Pilot Project Awards is to support collaborative scientific studies for one year to enable development of preliminary data that will serve as the foundation for submission of translational research grant applications.

The CTSI received nearly 120 Letters of Intent and invited 50 investigators to submit full applications. Letters and applications came from a variety of NYU schools, departments/divisions and community organizations. All three areas of translational research (T1-T3) were represented among the applications.

Eleven awards totaling $225,000 were granted. Of those, nine were awarded to School of Medicine applicants and two to College of Nursing applicants. Of the winning projects, eight were T1 or T2 in nature, and three were considered T3 research. The winning projects are listed below.

<table>
<thead>
<tr>
<th>PI</th>
<th>Project Title</th>
<th>Facility/School/Dept/Division</th>
<th>T1-T3 Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amin, Milan</td>
<td>High Speed MR Imaging of Swallowing</td>
<td>NYU Voice Center</td>
<td>T2</td>
</tr>
<tr>
<td>Bangalore, Sripal</td>
<td>Molecular Markers in Stable and Unstable Coronary Plaques</td>
<td>Cardiology</td>
<td>T2</td>
</tr>
<tr>
<td>Barash, Irina</td>
<td>Platelet Profile as a Biomarker of Thrombosis in Dialysis Patients</td>
<td>Nephrology</td>
<td>T2</td>
</tr>
<tr>
<td>Darvishian, Farbod</td>
<td>Prognostic Value of Computer-Assisted Mitotic Index Calculation in Melanoma</td>
<td>Pathology</td>
<td>T2</td>
</tr>
<tr>
<td>Ea, Emerson &amp; Manis, Potri Ranka</td>
<td>Levels of Acculturation, Perceptions of Stress and Well-Being, and Cardiovascular Health Status Among Filipino American (FA) Registered Nurses (RNs)</td>
<td>College of Nursing &amp; Kalasugan Coalition</td>
<td>T3</td>
</tr>
<tr>
<td>Kim, Sungheon</td>
<td>Differentiation of Malignant and Benign Breast Lesions Using Dynamic Contrast Enhanced MRI</td>
<td>Radiology</td>
<td>T2</td>
</tr>
<tr>
<td>Osman, Iman</td>
<td>Development of Sera-Based miRNA as an Invasive Biomarker of Recurrence in Melanoma</td>
<td>Dermatology</td>
<td>T1</td>
</tr>
<tr>
<td>Parikh, Manish</td>
<td>Comparative Effectiveness of Bariatric Surgery vs. Medical Management to Induce Diabetes Remission in Diabetic Patients with BMI 30-35: a Pilot Randomized Study</td>
<td>Bariatric Surgery</td>
<td>T2</td>
</tr>
<tr>
<td>Sadowski, Martin</td>
<td>Small Molecule Inhibitors of Aβ Aggregation and Toxicity in Alzheimer’s disease</td>
<td>Neurology</td>
<td>T1</td>
</tr>
<tr>
<td>Strauss, Shiela</td>
<td>Examining a novel, Intra-Oral Diabetes Screening Approach in Periodontal Patients</td>
<td>College of Nursing</td>
<td>T3</td>
</tr>
<tr>
<td>Zabar, Sondra</td>
<td>Using Unannounced Standardized Patient Visits to Assess Variation in Physicians’ Behavior Change Practices and to Facilitate Adoption of Evidence-Based Strategies</td>
<td>DGIM</td>
<td>T3</td>
</tr>
</tbody>
</table>
TREC Hosts CTSI Leadership and Mentoring Roundtable

One of the explicit agendas of the NIH’s CTSA has been to transform the social architecture of biomedical research, creating abundant cross-links between traditional silos to expedite the translation of research into improvements in health. In calling for the formation of CTSIs, the NIH has fostered the creation of structures and processes that are new to everyone and pose unique management challenges. One of the ways in which the CTSI TREC (Translational Research Education and Careers) unit has been approaching the development of these new structures and relationships has been by fostering the development of young investigators in a collaborative, cross-discipline environment. TREC has recently turned its attention to the development of a richer, more expansive mentoring culture. On January 14, the CTSI Mentor Development Program, directed by Dr. Adina Kalet, tapped into the experience of NYU’s successful senior mentors, both for their wisdom and for their insights into how a mentoring culture can best be fostered at NYU. Accomplished, respected research mentors within New York University were invited to join a roundtable discussion about how best to foster mentoring using the resources of the CTSI. During this conversation, the group developed a rich description of the evolving research environment, identified the skills and mindset needed for success, and considered the implications for mentoring. Organizational and leadership consultant and University of Rochester clinician-researcher Tony Suchman moderated the discussion. The Mentor Development Program plans to hold similar roundtable discussions in the future.

“Developing the next generation of translational investigators is probably the single biggest thing we do. It’s critical that we do it right.”

- Bruce Cronstein
On December 8, 2010, the NYU-HHC CTSI Community Engagement and Population Health Research (CEPHR) Core was pleased to host a half-day meeting at the NYU School of Medicine with Community Engagement (CE) Core leadership of the other New York City-based CTSA.

The objective of the meeting was to identify potential citywide disease/health-specific collaboration for the Cores. The meeting provided an opportunity for each group to discuss its work in great depth and to develop a fuller understanding of the range of community engagement activities underway in New York. Portions of the conversation were devoted to the possibility of engaging with city and state public health agencies and with implementing Community Engagement Best Practices across CTSA sites.

In attendance were members of the NYC CTSA:
- Rafael A. Lantigua and Bernadette Boden-Albala (Columbia University, Irving Institute for Clinical and Translational Science);
- Hal Strelnick (Einstein-Montefiore Institute for Clinical and Translational Research);
- Carol Horowitz, Lawrence Kleinman, and Gary Butts (Mount Sinai Conduits - The Institutes for Translational Sciences);
- Marc Gourevitch, Mariano Rey, Chau Trinh-Shevlin, Louis Capponi, Claudia Calhoun, and Catlin Rideout (NYU-HHC Clinical Translational Science Institute);
- Jonathan Tobin and Bernice Rumala (Rockefeller University Center for Clinical and Translation Science); and
- Don Tobias (Weill Cornell Medical College Clinical Translational Science Center).

The Clinical Research Resource (CRR) of the Irving Institute for Clinical and Translational Research at Columbia University NY will host its first NYCON regional meeting in January 2011.

NYCON was created in November 2008 when it became evident that if the CTSA were to truly accomplish all the goals and mandates of the national CTSA consortium, that it would be necessary to narrow its regional focus. Since then, NYCON members with pediatric research interests and with training and education interests have subsequently held individual meetings here at Columbia and elsewhere. When New York University and Mount Sinai received their CTSA awards in 2009, they joined the NYCON group, which now totals eight institutions.

This regional meeting will be an opportunity to network, share ideas that are relevant to the New York/Connecticut region, and to get things done that would otherwise be tough to accomplish on the national level with its thousands of members.

In October 2010, the national CTSA steering committee voted overwhelmingly to reinstate the Clinical Research Services Key Function Committee.
Happy Anniversary ResearchMatch.org

On November 10, 2010, ResearchMatch.org (RM) celebrated the one year anniversary of its launch to the public as a national research registry. RM currently hosts 12,189 registrants across the country. These are people who are interested in learning about research opportunities and potentially participating in a study.

The ResearchMatch recruitment link went live in late March of 2010. The recruitment link is available only to CTSA-affiliated researchers and allows them to access this willing population of potential research subjects. There are currently more than 550 researchers at 54 institutions who have registered on the site. ResearchMatch registrants have thus far been contacted about 237 different research study opportunities.

On the ResearchMatch.org home page you will find a link to registry metrics, which are updated daily. Scroll across a map of the United States to see how many of these volunteers are located in each state. Find information on the composition of the national registry with regard to race, ethnicity, and gender, as well as the top ten conditions and medications that volunteers report.

In New York State, there are currently 990 registrants. Almost half of these potential volunteers exist within 50 miles of the NYULMC. Currently there are 15 researchers and 8 studies that are affiliated with NYULMC CTSI registered on the site. A total of 746 contact messages have been sent to potential volunteers, and 110 people have responded with interest in a study. In August, our first ResearchMatch volunteer was enrolled in a research study.

We encourage you to visit the ResearchMatch tab on the CTSI website. Become acquainted with ResearchMatch.org. Consider registering, either as a potential volunteer or to recruit for a study.

To learn more about ResearchMatch

Researchers NYU Langone Medical Center/CTSI-affiliated researchers who are interested in using ResearchMatch to recruit for their study may register online at:
http://ctsi.med.nyu.edu/for-investigators-0

Volunteers Volunteer registration only takes a few minutes. The identity of volunteers remains confidential until volunteers choose to respond “yes” to a contact message about a research study that matches their interests. Volunteers may register at:
https://www.researchmatch.org/?route=nyu

IRB Collaborates with Research Safety Advocates and Researchers on Safety Monitoring and Human Subject Protection

Dr. Anna Nolan, Research Subject Advocate, and IRB Vice Chair Dr. Sylvia Adams presented a breakout session on Data Safety Monitoring Plans at the IRB Research Ethics Symposium on Principal Investigator Responsibilities in October 2010. Halia Melnyk, RSA, displayed a poster on Monitoring in a PI-initiated Study at the PRIM&R conference in December. The PRIM&R association (Public Responsibility in Medicine and Research) hosts an annual conference which is attended every year by IRB staff and board members on a rotating basis.
HHC’s focus on research expanded in 2010 through leadership’s efforts to increase understanding of the important role of research in healthcare. “The Corporation continues to be actively and enthusiastically engaged in the Clinical and Translational Science Institute partnership with the School of Medicine,” notes HHC’s Executive Liaison to the CTSI, Louis Capponi, MD, FACP. In his role as Chief Medical Informatics Officer for the Corporation, Dr. Capponi took on responsibility for the HHC partnership with NYU and is a member of the CTSI leadership team as well as a faculty member in the Department of Medicine. “When I was asked to take this role, I knew this was important for both HHC and NYU,” says Capponi, an NYU School of Medicine alumnus who appreciates the great potential for scientific achievement across the two institutions.

“This year, we are seeing the fruits of our labors as the partnership matures,” observes Dr. Capponi, referring to recent efforts to streamline the research administration process, creation of a forum for PIs to present potential projects for implementation to each of HHCs eight participating facilities, and the recent joint hire of a senior researcher with NYU’s division of General Internal Medicine. “We are very excited to have launched three research projects at multiple HHC facilities this year,” notes Capponi, referring to the HHC Clinical Research Grant Program (H-1), developed to encourage research on significant medical and behavioral health conditions prevalent among the HHC patient population.

HHC has launched a new Research Council, Chaired by Dr. Ross Wilson, HHC’s Chief Medical Officer, where the standing agenda includes updates on NYU-HHC CTSI activities. The CTSI’s Dr. Bruce Cronstein and Dr. Marc Gourevitch participate in the Research Council.

HHC’s office of Research Administration is also expanding capacity and providing support for the Corporation’s research agenda. “Our aim is to create a sustainable research agenda which promotes the health and safety of our patients and enriches the practice for our medical staff,” states Capponi.

For more information, please contact Louis.Capponi@nychhc.org.

COPD, including chronic bronchitis and emphysema, is an epidemic disease predicted to become the third leading cause of death in the world by 2020. There are no pharmacological therapies today that will prevent disease progression or reduce mortality once COPD is established. The focus of this project by Drs. Leopoldo Segal and Michael Weiden (Pulmonary) is to identify a novel mechanism involved in the regulation of the immune response in lungs of patients with emphysema. Preliminary data from their research suggests that respiratory Airways, previously thought to be sterile, are colonized with bacteria, especially in patients with smoking history. This bacterial load can be quantified and characterized by the analysis of bacterial biota or microbiome. The analysis of the microbiome is an innovative approach that could lead to discovering the etiology of a number of idiopathic chronic diseases such as emphysema (where an abnormal immune response to toxic particulate matter like tobacco smoke leads to inflammation and lung destruction). This project evaluates the degree of bacterial load and inflammation in the lung by performing a bronchoscopy to obtain Broncho-Alveolar Lavage samples. Patients are then randomized to receive either azithromycin or placebo for eight weeks. Bronchoscopy is performed before and after the treatment period with the assistance of the nurses of the Clinical Research Center of the CTSI in Bellevue Hospital. The use of azithromycin, which has both antibacterial and anti-inflammatory activity, will extend our understanding of the role of regulation of both the bacterial load and inflammation in COPD.
CHIBI Holds Open House, Celebrates 2nd Anniversary

On December 14, 2010, the Informatics Center held an open house to celebrate the move to their permanent space. The new space, in the 7th floor of the Verizon Building (227 E 30th Street), provides twenty-one faculty offices, several dozen high-end cubicles, two shared, fully-equipped multipurpose rooms, a dining area, and (in the future) a shared auditorium. Most importantly, the new facility allows the CHIBI members, their collaborators, consulting clients, and students to interact more closely, efficiently and productively. The festivities were opened by Vice Dean for Science Vivian S. Lee, who devoted her remarks to the role and importance of informatics and congratulated the CHIBI faculty and staff on their rapid progress and accomplishments. CHIBI Director Constantin Aliferis gave a brief overview of past accomplishments and future goals. The emphasis was on celebrating faculty, student, and staff achievements and career progress. Several colleagues external to CHIBI, including informatics colleagues outside of NYU, also attended. The evening ended with desserts and drinks at the nearby Banc Café. This event marked the opportunity for renewing CHIBI’s commitment to the NYU science, patients, and students. It also led to new collaborations and extension of old ones. A video and slides from the event will be posted on the CHIBI website.

CHIBI External Advisory Board Visit

On December 15, CHIBI welcomed its External Advisory Board. The EAB is comprised of distinguished Professors: H. Lowe (Stanford), G.F. Cooper (Pittsburgh), P. Miller (Yale), M. Kahn (Colorado) and J. Wilbur (NIH, NCBI). The EAB met with Dr. Aliferis, attended research presentations from almost all informatics faculty, and subsequently met with Vice Dean Vivian S. Lee and the CTSI Co-Directors Drs. Cronstein and Hochman. The EAB applauded the rapid progress made by CHIBI, the integration with research, the translational focus, the quality and breadth of faculty, and the commitment to quality. Going forward, the EAB emphasized the importance of further developing the medical informatics infrastructure and manpower and converting CHIBI into an academic department. Several other major projects were discussed, including secondary use of the EMR and research data/warehousing, areas of excellence/focus, the training program, and more. The EAB will provide written recommendations in the next few weeks.

Impact of Bioinformatics Quality: Lessons from the Duke Experience

Often informatics methods are considered to be interchangeable by the biological community. Few informatics consulting services in the industry or academia are following best practice-oriented approaches. CHIBI has been a pioneer in emphasizing total commitment to best practices and the highest levels of quality assurance for informatics support. The CHIBI commitment to quality informatics is implemented by avoiding methods that scientific evidence has shown to be deficient or suboptimal, developing new methods with a thorough theoretical analysis and empirical benchmarking validation process, conducting elaborate benchmarks of all core methods that are pertinent to NYU research, and ensuring uniform standards of quality in all projects supported by CHIBI. The above are complemented with seminars and tutorials as well as peer-reviewed publications that disseminate the best practices at NYU and beyond. A recent series of developments that has brought to sharp focus the desirability of this approach is the discontinuation at Duke of three clinical trials of molecular profile-based modalities for personalized cancer treatment. Funding of three related grants was stopped, several papers retracted, and a 3-year internal investigation at Duke was ordered. Most recently, a star Principal Investigator was removed from the Duke faculty. Legal consequences may also be possible in the future. These very unfortunate events affected NYU efforts as well; one funded (active) grant and one major grant proposal involving collaborations between NYU researchers and the discredited Duke team had to be re-organized. The underlying cause of all these events was improper bioinformatics and computational data analytics. The comprehensive QA Operating Procedures employed by CHIBI are designed to minimize the risk for such events and to enhance the robustness of science across the spectrum of informatics-enabled research at NYULMC.
The Best Practices Integrative Consulting Service (BPIC) of the Center for Health Informatics and Bio-informatics in collaboration with the NYU-HHC CTSI is launching a first-come, first-served walk-in consulting clinic. This service is provided in addition to scheduled BPIC consulting in response to the interest expressed by NYLMC research faculty with informatics consultation needs. All areas of informatics are covered by expert informatics faculty.

The schedule will be adjusted in terms of frequency and dates/times according to client needs and the ongoing evaluation of the service. When possible, please provide any appropriate background information (e.g., specific aims) for your project or questions in advance of your consultation. You can email materials to: InformaticsConsultation@nyumc.org. In addition, please bring to the consultation any information that can facilitate your discussion with BPIC faculty. This service is sponsored by the NYU Clinical and Translational Science Institute and is therefore free to researchers.

### Informatics Consulting Clinics

- **Bioinformatics**
  - Every Wednesday from 3:00 to 5:00
  - 227 E 30th Street, 7th Floor Conference Room #717

- **Educational Informatics**
  - Every 2nd Wednesday of the month from 11:00 to 12:00
  - Coles 202

- **Research Database/Registry Development, Study Data Managements and Velos Use**
  - Every 1st and 3rd Wednesday from 11:00 to 12:00
  - 227 E 30th Street, 7th Floor Conference Room #717

- **High Performance Computing**
  - Every 1st and 3rd Wednesday from 2:00 to 3:00
  - 227 E 30th Street, 7th Floor Conference Room #718

- **Data Warehousing**
  - Every 2nd Wednesday of the month from 11:00 to 12:00
  - 227 E 30th Street, 7th Floor Conference Room #717

- **Data Mining**
  - Every 2nd Wednesday of the month from 11:00 to 12:00
  - 227 E 30th Street, 7th Floor Conference Room #717

- **Information Retrieval, Scientometrics & Text Categorization**
  - Every 3rd Wednesday of the month from 11:30 to 12:30
  - 227 E 30th Street, 7th Floor Conference Room #718

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**New Translational Science Librarian To Address Needs of CTSI**

Alisa Surkis has joined the NYU Health Sciences Libraries as the new Translational Science Librarian, and will be working with members of the Clinical and Translational Science Institute to find avenues through which to facilitate the flow of information between bench, bedside, and community. Alisa has an AB in Physics from The University of Chicago, an MS in bringing her library, scientific, and technical backgrounds together, a PhD in Neural Science from NYU, and recently completed her MLS from Queens College, CUNY. She has spent a decade writing software to support the work of vision researchers at SUNY College of Optometry and Columbia University. Alisa looks forward to
Need Help Developing a Protocol or Manuscript?

The CTSI announces the availability of Studios. CTSI Studios will offer clinical investigators an opportunity to present their protocols/manuscripts in development for review and critique prior to submission of the protocol to funding agencies. Protocol Studios will also be available for Basic Science faculty who would like to develop translational protocols. Protocol Studios are not meant to replace ongoing mentoring relationships or to replace specific detailed consultations with cores such as Study Design, Biostatistics, or Bioinformatics, but are designed to augment these consultations.

Each Protocol Studio will consist of a **hour-long session** during which the investigator will present a brief summary of their proposed study to a select group of faculty. Prior to the presentation, the investigators should submit their draft protocol and specific aims page to the faculty panel so that the faculty panel can better prepare to critique the study. In addition to a standing committee of senior faculty, the faculty panel may also include ad hoc reviewers with relevant expertise.

To request a CTSI Protocol Studio please contact Protocol Coordinator Hal Rosenblatt at:

hal.rosenblatt@nyumc.org

Statistics Consulting Workshops

These workshops offer an opportunity for researchers to obtain a brief statistical consultation regarding study design and analysis issues. These workshops also provide an opportunity to learn about the resources that are available for statistical consultation and collaboration. **Registration is required**

- **Wednesday, January 26, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, February 9, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, February 23, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, March 9, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, April 6, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, April 20, 2011**
  2:00 PM – 4:00 PM
- **Wednesday, May 4, 2011**
  2:00 PM – 4:00 PM

**Location:** 650 First Ave @ 38th St. 5th Floor Conference Room

To Register, please contact Bernice Townsend at (212) 263 0363 or Bernice.Townsend@nyumc.org

Note: You will be asked to provide some information about your project prior to attendance. Refreshments will be served.

The NYU-HHC CTSI Newsletter is published on a quarterly basis. To view current and past issues, visit: [http://ctsi.med.nyu.edu/ctsi-newsletters](http://ctsi.med.nyu.edu/ctsi-newsletters)