CTSC Newsletter June 2014

New Co-PIs and KL2 Director Announcement

As you may know, Dr. Richard Rudick, former Co-Principal Investigator of the Clinical and Translational Science Collaborative and director of the KL2 Training Program has accepted a prestigious offer in Boston with the pharmaceutical company, Biogen Idec. We are pleased to announce the appointment of three highly experienced members of our leadership team that will provide strategic oversight to ensure a smooth transition in our program.

Serpil Erzurum, MD and Mark Chance, PhD will serve as Co-Principal Investigators to the CTSC. Serpil and Mark possess the strong leadership skills and demonstrated success in clinical research environments, participant-centered research, and translational technology that will complement the program.

Serpil Erzurum, MD is the Director of the Cleveland Clinic Clinical Research Unit and Chair of the Department of Pathobiology and Joint Staff with the Respiratory Institute at Cleveland Clinic. Serpil is a member of the Executive Committee and has been an engaged leader in clinical translational research since 2007.

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Social Entrepreneur Opportunity

The Women's Fund of Central Indiana is seeking talented, visionary social service entrepreneurs to develop comprehensive solutions helping women ages 18 to 24 achieve economic stability.

A webinar for interested applicants will be held on June 25, and Letters of Intent are due on September 2, 2014. Learn More

Calendar of Events

June 11th
PRCHN Seminar:
Amy Sheon, PhD MPH

June 16th
National Center for Regenerative Medicine Open
Dr. Chance is the Director of the Translational Technologies Core and Vice Dean for Research at the CWRU School of Medicine. He is also the Director of the Case Center for Proteomics and Bioinformatics and has focused much of his work on proteomics and research involving collaborations across multiple departments and disease areas. He is actively involved in fostering research collaborations with industry partners to accelerate translation and advance human health; in this role, he will advance one of the three main goals of the CTSC enunciated in our renewal application - to enhance T1 research.

In addition to the appointments of Drs. Erzurum and Chance as co-PIs, we have appointed Raed Dweik, MD as the new Director of our prestigious KL2 Scholar Program. Dr. Dweik is the Director of the Pulmonary Vascular Program in the Department of Pulmonary and Critical Care Medicine in the Respiratory Institute at Cleveland Clinic. He has a joint appointment in the department of Pathobiology in the Lerner Research Institute (LRI) and is Professor of Medicine at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. Dr. Dweik is a member of the KL2 Steering Committee and a mentor to a KL2 scholar. He is passionate about training and translational research with a successful 20 year research career.

**NEWS**

**Update on NIH Public Access Policy Enforcement**

The National Institutes of Health (NIH) policy which states that on grant awards with a start date of July 1, 2013 and beyond it will delay award processing if publications arising from it are not in compliance with the NIH's public access policy.

Currently, CWRU has 902 articles that are not fully compliant with the NIH Public Access Policy. Our institutional compliance rate is 85%. This is only a slight improvement over the past nine months.

We encourage researchers to contact the representatives from the Cleveland Health Sciences Library to enhance our institutional compliance with this mandate. Representatives are also available to conduct training sessions for departments or groups. For more information on training sessions or individual assistance, please contact Kathleen Blazar, MSLS, Assistant Director, at (216) 368-1361 or kcb2@case.edu.

**2014 Annual Pilot Awardees**

Join us in congratulating our 2014 CTSC Annual Pilot Award Recipients!

**Umut Gurkan, PhD**
Case Western Reserve University - Department of Mechanical & Aerospace Engineering  
"Hemoglobin Electrophoresis Biochip for Newborns"

**Anant Madabhushi, PhD**
Case Western Reserve University - Department of Biomedical Engineering  
"Computerized Histologic Image-based predictor of recurrence in breast cancers following treatment"

**Parameswaran Ramakrishnan, PhD**
Case Western Reserve University School of Medicine  
"Novel molecular target and therapeutics for the treatment of type 1 diabetes"
James Reynolds, PhD
Case Western Reserve University School of Medicine
"Flexible Therapy for Cyanide Poisoning"

Marie Tuttle, MD
University Hospitals Case Medical Center
"Impact of Daily Chlorhexidine Bathing on the Skin Microbiota of Patients in Intensive Care"

Connie Piccone, MD
University Hospitals Case Medical Center
"Identifying Renal Microstructural and Blood Flow Changes in Sickle Cell Disease Using Quantitative MRI Techniques"

SEMINARS

PRCHN Seminar Series: Amy Sheon, PhD MPH
Wearable computing and sensor technology: What's all the fuss?
Wednesday, June 11th 2014, 12:00pm - 1:15pm

Amy Sheon is the founding Executive Director of the Urban Health Initiative. Her 25+ years' experience in government, academia and the non-profit sectors are being used to leverage the assets of CWRU in making an impact on the health of people living in Cleveland. Dr. Sheon's work has focused on creation of a new model of obesity surveillance using existing immunization registries, and she was instrumental in the establishment of three different centers at the University of Michigan, focused on clinical research, ethical issues in the life sciences, and on improving educational outcomes for disadvantaged youth. Dr. Sheon also worked at the National Institutes of Health on maternal-infant HIV transmission, HIV prevention studies, and cancer genetics. She earned an MPH at the University of Michigan and a Ph.D. from Johns Hopkins Bloomberg School of Public Health.

The PRCHN Seminar Series is open to the public and takes place from Noon to 1:15 on the 2nd Wednesday of every month in the PRCHN Ground Floor Conference Room at the BioEnterprise Building, 11000 Cedar Avenue. Parking is available and a light lunch is served.

Please contact Kathy Kelly at kjk3@case.edu for more information about the PRCHN Seminar Series.

FUNDING OPPORTUNITIES

National Center for Regenerative Medicine (NCRM), CWRU

The National Center of Regenerative Medicine (NCRM) is accepting proposals for funding of Demonstration Projects for the OH-Alive Innovator Platform: A Process and Manufacturing platform for Cell Therapy for the period November 1, 2014 - January 31, 2015. This is a new platform developed by the NCRM to accelerate new cell therapies to the clinic and involves the use of automated cell culture manufacturing equipment with design of experiments theory.

To help you respond to this RFP, NCRM will be holding an Open House on June 16th at the new OH-Alive facility located at 10000 Cedar Avenue Room 3-138.

Please RSVP to Michael Gilkey (meg14@case.edu) by June 12th as space is limited. For more information on this funding opportunity, visit the NCRM website.
Edward Mallinckrodt, Jr. Foundation: Mallinckrodt Grant Applications

Key Deadlines: June 16, 2014, 5:00pm (CWRU Letter of Intent), August 1, 2014, 5:00pm EST (external application).

The Edward Mallinckrodt, Jr. Foundation is a private foundation that funds basic biomedical research in St Louis and throughout the United States. The mission of the Foundation is to support early stage investigators engaged in biomedical research that has the potential to significantly advance the understanding, diagnosis, or treatment of disease.

Mallinckrodt Grants are competitively provided to investigators based on their proposals, selected from applicants on an annual basis. These awards are usually $60,000 per year for three years, provided an annual progress report is submitted and approved. Only two candidates from any institution are considered per cycle. From six to eight are chosen each cycle.

For more information on this limited submission opportunity, visit the Office of Research Administration website.

The Pew Charitable Trusts: Pew Scholars Program in the Biomedical Sciences

Key Deadlines: June 16, 2014 (CWRU internal application), July 15, 2014 (Institution formally nominates candidate), November 3, 2014 (Sponsor Deadline).

The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program makes grants to selected academic institutions to support the independent research of outstanding individuals who are in their first few years of their appointment at the assistant professor level.

Number of Applications Allowed: One (see internal selection requirements below) Amount of Funding: $240,000 ($60,000 a year for four years)

For more information on this limited submission opportunity, visit the Office of Research Administration website.

Kinship Foundation - The Searle Scholars Program

Key Deadlines: July 14, 2014, 5:00pm (CWRU internal application), September 26, 2014 (external application).

Case Western Reserve University is invited to submit applications for the 2015 Searle Scholar Program competition.

The Searle Scholars Program supports research of outstanding individuals who have recently begun their appointment at the assistant professor level, and whose appointment is their first tenure-track position at a participating academic or research institution. Today, 153 institutions are invited to participate in the Program.

The Program was established at The Chicago Community Trust in 1980 and has been administered by Kinship Foundation since 1996. The Program is funded from the estates of Mr. and Mrs. John G. Searle. Mr. Searle was the grandson of the founder of the world-wide pharmaceutical company, G.D. Searle & Company. It was Mr. Searle's wish that certain funds be used to support "...research in medicine, chemistry, and the biological sciences."

Each year 15 new individuals are named Searle Scholars. Awards are currently set at
$100,000 per year for three years. Since its inception, 527 Scholars have been named and over $111 million has been awarded.

Number of Applications Allowed: Two

Amount of Funding: $100,000 per year for 3 years ($300,000 total)

For more information on this limited submission opportunity, visit the Office of Research Administration website.

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**Special Operations Medical Association (SOMA)**

The Special Operations Medical Association (SOMA) is calling for abstracts to be submitted for the research portion of the Special Operations Medical and Scientific Assembly (SOMSA ‘14) to improve communication and encourage scholarly collaboration among all healthcare personnel in operational medicine.

The full spectrum of research will be considered including basic science, case reports, reviews, clinical studies, experiments, and other scholarly works. SOMA seeks original research as focus submissions in topics relevant to its’ mission.

Please submit a brief 300 word abstract using the link located on the SOMA website by August 9, 2014. The abstract submission site is now open for you to submit your abstract proposal, and will be open until the deadline of August 9, 2014. Submissions after this date will be considered only if there is a shortage of adequate submissions.

All communication will be to the one e-mail address you provide within the abstract submission. Any inquiries should be directed to the SOMA Executive Office at SOMA@gAmp.com. Please visit the SOMA website for more information on the submission process.

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**Harrington Discovery Institute**

The Harrington Prize, presented by the American Society for Clinical Investigation (ASCI) and the Harrington Discovery Institute at University Hospitals Case Medical Center, honors a physician-scientist who has moved science forward with achievements notable for innovation, creativity and potential for clinical application.

Prize: $20,000 unrestricted honorarium

Eligibility Criteria:

- Must hold an M.D. or equivalent degree
- Need not be an ASCI member
- No age or citizenship requirement
- Self-nomination is not permitted
- Must be available to deliver a lecture at the 2015 ASCI/AAP Joint Meeting on April 24 - 26, 2015
- Must submit a personal essay for publication in the April 2015 issue of the Journal of Clinical Investigation

Judging Criteria:

- Quality of Science
- Innovation
- Potential for Clinical Impact
- Nomination Deadline: August 15, 2014

Nomination Requirements:

- Completed nomination form, including a 250 - 500 word description of achievement notable for innovation, creativity and clinical application
- Investigator’s NIH/similar-format biosketch
- Brief bibliography of up to 10 best references
- Letter from the nominee confirming availability to lecture at 2015 ASCI/AAP Joint Meeting
- One letter of support from the Dean, Provost, or President of the investigator’s institution

All submissions should be emailed to Natalie.Haynes@UHhospitals.org. For additional information, visit the Harrington Discovery Institute website.