Welcome to the new look of the momentUM Newsletter!

We are excited to launch a new speaker series at NCRC in April, in collaboration with Lycera. This quarterly series will bring some of the world’s best scientists to our university and focus on the idea of collaboration in research. We hope you can attend.

A new art exhibition Inspired by Science opens this week at NCRC, bringing together works by U-M School of Art and Design faculty members and other local SE Michigan artists, reflecting on the intersection of science and art.

We provide an overview of the NCRC IT services which have kept pace with the growing needs of our community of faculty members, researchers, administrators and students.

David Canter, Executive Director, NCRC

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collaborate@NCRC: conversations with the world’s best scientists

Lycera sponsored series brings talks by world renowned scientists to NCRC

After acquiring the NCRC campus in 2009, University leaders described their vision for an exciting new campus with a strong emphasis on interdisciplinary and translational research. The large stretches of contiguous space provided unprecedented opportunities to co-locate investigators based on affinities, regardless of their academic home. As stated by James O. Woolliscroft, Dean of the University of Michigan Medical School, “It is a phenomenal opportunity to do science differently and further the University’s mission”.

Over the last three years NCRC has focused on bringing a vibrant research community to its site. NCRC is now home to over 2,000 researchers, staff, students and administrators. Included in this mix are researchers from 18 private companies housed in the Venture Accelerator and 3 non-University groups (Boropharm, Lycera, and the VA’s Center for Clinical Management Research, which houses over 50 faculty experts in health services research). These groups have located here because of the excellent facilities and the opportunity to interact with U-M researchers. Non-University NCRC occupants offer an exciting opportunity for our U-M research community to see what other research endeavors look like, identify commonalities and differences, learn and exchange ideas with individuals they would be unlikely to meet on other parts of campus.

Moving into the 4th year of continuous growth, NCRC is proud to announce the launch of an invited speaker series, “collaborate@NCRC: conversations with the world’s best scientists” sponsored by Lycera Corp. As Lycera and U-M leaders considered the value of bringing Lycera to the U-M campus, both parties agreed that an important forum for sharing common scientific interests was through an invited speaker series that would seek to bring national and international experts to Ann Arbor. The
University of Michigan, working jointly with Lycera to identify potential speakers, hosts the series which will bring four speakers per academic year to the NCRC (September - May). In addition to a noon seminar, the speaker will be invited to meet with researchers from both U-M and Lycera in scheduled one-on-one or small group interactions to support in-depth scientific exchange and also comment on the role of collaboration in their scientific careers, in keeping with the seminars’ focus of removing barriers to scientific collaboration.

The inaugural talk is scheduled for Wednesday, April 3, 2013 and will be given by Gerard Evan, PhD, the Chair of Biochemistry at the University of Cambridge, England. Dr. Evan is one of the world’s most prominent scientists in the cancer research arena, making seminal contributions to our understanding of the molecular basis for cancer for over 35 years. More details are available here.

Inspired by Science
New exhibition at NCRC celebrates a dialog between science and art

NCRC is once again at the forefront of new ideas in collaborations across boundaries with a new art exhibition titled Inspired by Science, starting in March at NCRC. Works of art by University of Michigan School of Art and Design faculty members, as well as Michigan-based and internationally known artists are featured in this exhibition. Inspired by Science includes Sherri Smith and Michael Rodemer, respected faculty members at the U-M School of Art and Design, and Bradley Smith, the Associate Dean for Creative Work, Research and Graduate Education, and Professor, School of Art and Design. Also included are well-known SE Michigan artists Gary Eleinko, S. Kay Young and Sharon Que.

Although each artist represents a different medium and inspiration, these works are directly connected by the past, present and future of science. Art and science share a long and symbiotic relationship. Art inspired by science celebrates the mysteries of life, the foundations of nature, hard factual views of the universe and our world, as well as predictions for the future. There is beauty and fascination with the how and why of our existence.

The arts and sciences are sometimes described as separate entities, incompatible and conflicting, but in reality they are not so dissimilar. They both require careful observation, dedication and discipline, as well as intuition, inspiration and passion. Albert Einstein once wrote: The most beautiful thing we can experience is the mysterious. It is the source of all true art and all science. This is where art and science meet.

In keeping with the spirit of research, the art program at NCRC generates an environment of innovation and inspiration through the display of art and arts programming. Scientists and artists share a common ability - abstract thinking. Developing a dialog between the two is the main objective of the program.

The NCRC art program presents visual and performing arts in the form of educational experiences that are dynamic and thought provoking for the members of the NCRC and the larger U-M communities, as well as the general public. Students and visitors are invited to participate in programs that reach beyond the realm of art, with topics that include science, social commentary and technology. Fresh ideas, or living arts, are highlighted through interactive programs offered by visiting artists who share their process through talks and exhibition.

Inspired By Science
March 21 through June 21, 2013
Rotunda Gallery, Building 18, NCRC
On view: Monday through Friday, 9am until 5:30pm

IT Grows at NCRC
MSIS Continues to expand information services and support at NCRC

Medical School Information Services (MSIS) provides information services and support to many parts of the Health System and University, including the NCRC community. MSIS partners with other campus IT organizations to provide infrastructure and services, including network and phone services, high-performance computing, web development, software development, specialized research infrastructure, and many other collaboration/communications services for their customers. As an effort to continually keep our NCRC customers up to date and
Conference Rooms and Scheduling Services: Ninety-three conference rooms are available at NCRC and may now be reserved using the Schedulon room and resource scheduling system. In addition, 13 conference rooms located in Building 16 are equipped with touch screen “room wizards” that allow you to check availability and grab a room for informal interaction. Digital signage has been deployed in Building 16 as well, offering NCRC tenants another option for marketing themselves and communicating effectively. MSIS is happy to provide training and support session for these services upon request, just contact them by submitting a request.

Audio/Visual Equipment and Services: MSIS has completed phase I of their site-wide installation of A/V equipment for collaboration and videoconferencing at NCRC. One-to-one and one-to-many videoconferencing capabilities are available in several small and large conference rooms, as well as the Research Auditorium. Mobile carts are also available for use in areas that are not A/V equipped, and will be available for reserving via Schedulon by the end of the month. You can also request a projectionist or presentation capture services for your meetings or events. MSIS provides loaner equipment for our NCRC community as well, if you need to borrow projectors, screens, laptops, or A/V equipment.

MSIS Collaborative Space: In early 2012, MSIS piloted a test collaboration space for their employees in B200, with approximately 20 employees originally occupying that space. Now more MSIS teams have joined their colleagues in the collaboration space, bringing their total number to nearly 100. This reduces the overall footprint for MSIS and enables more people to collaborate within a smaller area, resulting in a more efficient use of space and resources at NCRC. If you are on site, please feel free to come visit the MSIS space in B200.

You can learn more about MSIS services that are available at NCRC by attending one of their Technology Town Hall meetings, or by contacting Elaine Lauerman (ekl@umich.edu), the MSIS customer relationship manager for NCRC. To request MSIS services, please contact msishelp@umich.edu or call 734-763-7770.

NCRC Metrics: Did You Know?

With the arrival of several research labs at NCRC, overall research activity has grown manifold over the past year. NCRC has made an exemplary effort to provide excellent research support services to the many research groups now on site. A look at some of the components of the support functions provides a clear indication of the growth of research activity.

<table>
<thead>
<tr>
<th>NCRC research support services</th>
<th>January 2012 – March 2012</th>
<th>April 2012 – June 2012</th>
<th>December 2012 – February 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Autoclave</td>
<td>69 times</td>
<td>200 times</td>
<td>217 times</td>
</tr>
<tr>
<td>Central Glasswash</td>
<td>77 runs</td>
<td>81 runs</td>
<td>99 runs</td>
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<tr>
<td>Quantity of glassware</td>
<td>1,925 pieces</td>
<td>2,025 pieces</td>
<td>2,406 pieces</td>
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<tr>
<td>UPS courier packages for labs</td>
<td>641 pieces</td>
<td>1,878 pieces</td>
<td>3,462 pieces</td>
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<tr>
<td>FedEx and FedEx Ground deliveries</td>
<td>No data available</td>
<td>2,432 lbs</td>
<td>2,229 pieces</td>
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<td>Cryogenic Cans</td>
<td>103 tanks</td>
<td>120 tanks</td>
<td>206 tanks</td>
</tr>
<tr>
<td>Biohazardous waste pickups</td>
<td>3750 lbs</td>
<td>4046 lbs</td>
<td>4167 lbs</td>
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*Monthly data not available*