



## **NACOB Lab Tours, Tuesday, August 5, 2008**

**The following University of Michigan biomechanics-related research laboratories will be open for NACOB participant tours on the Tuesday, August 5, 2008. Make sure you sign up for tours on the NACOB web site because space is limited.** On Tuesday morning, a few labs (those with an asterisk) will be open for you to stop by and chat between 9- 10 am and 11-am to noon. You may also sign up for formal (1 hour) tours at 1:30 pm and 3:30 pm on Tuesday afternoon.

How you get there: Nearly half the labs (#1-12, below) are within walking distance (5-10 minutes) from the NACOB registration desk at the League.

Once signed up, on Tuesday *morning* you can reach the labs on North Campus that are open by taking one of the numbered minivans serving that lab or by getting on the free (blue) U-M **Northbound Commuter** bus (20 min. intervals) from the Central Campus bus stop at the junction of North University Street/Fletcher Street (look for the blue/yellow U-M bus stop sign) and getting off on North Campus at the FXB building on Beal Avenue. Return to Central Campus by getting on the U-M Southbound Commuter Bus at Cooley Lab or Pierpoint Commons blue/yellow bus stops and getting off at the Rackham Building bus stop on Fletcher Street on Central Campus. Alternatively, get on the free blue U-M **Northwood bus** (15 min. intervals) leaves Power Center (on Fletcher St) and get off at Pierpoint Commons on North Campus. Return to Central Campus by getting on the same Northwood bus at G.G. Brown (Beal Avenue), Cooley Building or Pierpoint Commons (Bonisteel Blvd) bus stops and getting off at Power Center bus stop on Central Campus. **U-M bus arrival times and current locations are available in real time at <http://mbus.pts.umich.edu/> and <http://mbus.pts.umich.edu/arrivals/routeView.php> , respectively.**

Once signed up, on Tuesday *afternoon* you can visit any of the labs you signed up for on Central Campus by walking there, and on North Campus or Off Campus by taking a numbered minivan (see Table below) from the south entrance of the Michigan League at either 1:00 pm or 3:00 pm sharp. (You can also take the U-M Blue bus in advance, if you want to explore campus). The same minivans will pick you up and return you to the south entrance to the Michigan League 2 hours later. The Off-campus labs are only reachable by numbered minivan.

<b>Campus Map</b>	<b>College/School</b>	<b>Dept.</b>	<b>Room #/ Building</b>	<b>Lab</b>	<b>Shuttle Van #, U-M Bus or Walk</b>	<b>Ref ID #</b>
<b>Central Campus</b>	Kinesiology		4718 CCRB	<b>Motor Development Laboratory</b> <a href="http://www.kines.umich.edu/research/chmr/motdev/">http://www.kines.umich.edu/research/chmr/motdev/</a> Profs. Rosa Angulo-Barroso, Beverly Ulrich, Dale Ulrich	-Walk-	<b>3</b>
<b>Central Campus</b>	Kinesiology		1206A CCRB	<b>Human Neuromechanics Laboratory</b> <a href="http://www.kines.umich.edu/research/ccb/hnl.html">http://www.kines.umich.edu/research/ccb/hnl.html</a> Profs. Daniel P. Ferris, Riann Palmieri, Scott McLean	-Walk-	<b>4</b>
<b>Central Campus</b>	Kinesiology		1206 CCRB	<b>Movement Dynamics Laboratory</b> <a href="http://www.kines.umich.edu/research/chmr/mdl.html">http://www.kines.umich.edu/research/chmr/mdl.html</a> Prof. Melissa Gross	-Walk-	<b>5</b>
<b>Central Campus</b>	Kinesiology		1200D CCRB	<b>Neuromotor Behavior Laboratory*</b> <a href="http://www.kines.umich.edu/research/chmr/nbl.html">http://www.kines.umich.edu/research/chmr/nbl.html</a> Prof. Rachel Seidler	-Walk-	<b>6</b>
<b>Central Campus</b>	Medical/ Engin School	Physiol./ME	2318 via 2280 BSRB	<b>Skeletal Tissue Engineering Laboratory*</b> <a href="http://www-personal.umich.edu/~llarkin/index.htm">http://www-personal.umich.edu/~llarkin/index.htm</a> Profs. Ellen Arruda, Lisa Larkin	-Walk-	<b>9</b>
<b>Central Central</b>	Medical School	Orthopedic Surgery	2003 BSRB	<b>Orthopedic Research Laboratories*</b> <a href="http://www.orl.med.umich.edu/orl/orl.html">http://www.orl.med.umich.edu/orl/orl.html</a> Prof. Steven A. Goldstein, Richard E. Hughes, Ken Kosloff	-Walk-	<b>10</b>
<b>Central Campus</b>	Medical School	Physiol.	2280 BSRB	<b>Muscle Mechanics Laboratory*</b> <a href="http://sitemaker.umich.edu/mmlab/home">http://sitemaker.umich.edu/mmlab/home</a> Profs. John A. Faulkner, Susan V. Brooks, Dennis Claffin, William Kuzon.	-Walk-	<b>11</b>
<b>Central Campus</b>	Dental School		B331	<b>Biomimetics and Biomineralization Lab*h</b> <a href="http://www.dent.umich.edu/depts/bms/research/kohnlab/">http://www.dent.umich.edu/depts/bms/research/kohnlab/</a> Prof. David H. Kohn	-Walk-	<b>12</b>
<b>Central Campus</b>	Museum of		Ruthven Museums	<b>Vertebrate Fossil Preparation Laboratory</b> <a href="http://www.paleontology.lsa.umich.edu/Resources/labs.html">http://www.paleontology.lsa.umich.edu/Resources/labs.html</a>	-Walk-	<b>13</b>

	Paleontology			Profs. Daniel C. Fisher, Phillip D. Gingerich		
<b>North Campus</b>	College Of Engineering	Biomedical Engineering	1100 Gerstacker Bldg	<b>Biofluid Mechanics Research Laboratory</b> <a href="http://biofluids.engin.umich.edu/">http://biofluids.engin.umich.edu/</a> Profs. James P. Grotberg, Joe Bull	<b>Van # 1</b> Or U-M North Commuter Bus	<b>14</b>
<b>North Campus</b>	College Of Engineering	Biomedical Engineering	1420 LBME	<b>Cellular and Molecular Biomechanics Lab</b> <a href="http://www.umich.edu/~huntlab/">www.umich.edu/~huntlab/</a> Prof. Alan Hunt	<b>Van # 1</b> Or U-M North Commuter or Northwood Buses	<b>15</b>
<b>North Campus</b>	College Of Engineering	Biomedical Engineering	1117 Conf Rm Gerstacker	<b>Micro/Nano/Molecular Biotechnology Lab</b> <a href="http://www-personal.engin.umich.edu/~takayama/lab/">http://www-personal.engin.umich.edu/~takayama/lab/</a> Prof. Shuichi Takayama	<b>Van # 1</b> Or U-M North Commuter or Northwood Buses	<b>16</b>
<b>North Campus</b>	College Of Engineering	Biomedical Engineering	Meet in Lobby LBME	<b>Tissue Simulation and Fabrication Group</b> <a href="http://www-personal.umich.edu/~scottho/">http://www-personal.umich.edu/~scottho/</a> Prof. Scott Hollister	<b>Van # 1</b> Or U-M North Commuter or Northwood Buses	<b>18</b>
<b>North Campus</b>	College Of Engineering	Industrial & Operations Engineering	G707 IOE	<b>Center for Ergonomics*</b> <a href="http://www.engin.umich.edu/dept/ioe/C4E/">http://www.engin.umich.edu/dept/ioe/C4E/</a> Thomas J. Armstrong, Bernard J. Martin, Monroe Keyserling, Donald B. Chaffin	<b>Van # 2</b> Or U-M North Commuter or Northwood Buses	<b>19</b>
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	GGB 3101	<b>Biomechanics Research Laboratory*</b> <a href="http://me.engin.umich.edu/brl/">http://me.engin.umich.edu/brl/</a> Prof. James A. Ashton-Miller	<b>Van # 3</b> Or U-M North Commuter or Northwood Buses	<b>20</b>
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	Auto Lab 1015	<b>Haptix Laboratory</b> <a href="http://www-personal.umich.edu/~brentg/Web/">http://www-personal.umich.edu/~brentg/Web/</a> Prof. Brent Gillespie	<b>Van # 3</b> Or U-M North Commuter or Northwood Buses	<b>21</b>
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	1110 GGB	<b>Nanomechanics Laboratory</b> <a href="http://sitemaker.umich.edu/nanomechanics/meyhofer">http://sitemaker.umich.edu/nanomechanics/meyhofer</a> Prof. Edgar Mehöfer	<b>Van # 3</b> Or U-M North Commuter or Northwood Buses	<b>23</b>
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	GGB 1106	<b>Vibrations and Acoustics Laboratory (MEMS Sensor for Sports Applications)</b> <a href="http://www.engin.umich.edu/labs/valab/">http://www.engin.umich.edu/labs/valab/</a>	<b>Van # 3</b> Or U-M North Commuter or Northwood Buses	<b>26</b>

Profs. Noel C. Perkins/ Karl Grosh

<b>Off Campus</b>	Medical School	Internal Medicine/ Geriatrics	Traverwood St & Plymouth Rd	<b>Mobility Research Center</b> <a href="http://www.med.umich.edu/geriatrics%20/moblab/index.htm">http://www.med.umich.edu/geriatrics%20/moblab/index.htm</a> Prof. Neil B. Alexander	<b>Van #4</b>	<b>28</b>
<b>Off Campus</b>	Medical School	Orthopedic Surgery	Dominos Farms Lobby A	<b>Bone and Joint Injury Prevention and Rehabilitation Center</b> <a href="http://www.bjiprc.umich.edu/">http://www.bjiprc.umich.edu/</a> Profs. Ronald Zernicke, Edward Wojtys, James Ashton-Miller, Riann Palmieri, Scott McLean	<b>Van #5</b>	<b>29</b>
<b>North Campus</b>	Medical School	Radiology	Dominos Farms Lobby A	<b>Functional Neuroimaging Cognition and Mobility Lab</b> <a href="http://sitemaker.umich.edu/pdresearch/biographies">http://sitemaker.umich.edu/pdresearch/biographies</a> Prof. Nicholaas Bohnen, Dr. Martijn Muller	<b>Van #5</b>	<b>30</b>
<b>North Campus</b>	University of Michigan Transportation Research Institute (UMTRI)		UMTRI	<b>Impact Biomechanics Facilities</b> <a href="http://www.umtri.umich.edu/expertiseArea.php?etID=3">http://www.umtri.umich.edu/expertiseArea.php?etID=3</a> Larry Schneider, Jonathon Rupp, Kathy Klinich, Matt Reed	<b>Van #6</b>	<b>31</b>

*We regret that, for a variety of reasons, the following labs will not be accessible on Tuesday. Dr. Kuo is teaching one of the tutorials that day, but some of his ongoing research will be reviewed in Dan Ferris' lab (#4)*

<b>Central Campus</b>	Kinesiology		1213 CCRB	<b>Neuromuscular Research Laboratory</b> <a href="http://www.kines.umich.edu/research/ccb/nrl.html">http://www.kines.umich.edu/research/ccb/nrl.html</a> Profs. Riann Palmieri, Dan Ferris, Scott McLean
<b>Central Campus</b>	Kinesiology		4118 Observatory Lodge	<b>Center for Motor Behavior and Pediatric Disabilities</b> <a href="http://www.kines.umich.edu/research/cmbpd.html">http://www.kines.umich.edu/research/cmbpd.html</a> Profs. Beverly Ulrich, Dale Ulrich, Rosa Angulo-Barroso
<b>Central Campus</b>	Kinesiology		1240 CCRB	<b>Injury Biomechanics Laboratory</b> <a href="http://www.kines.umich.edu/research/chmr/ibl.html">http://www.kines.umich.edu/research/chmr/ibl.html</a> Profs. Scott McLean, Riann Palmieri, Scott McLean
<b>Central Campus</b>	Kinesiology	Mechanical Engineering	4110 Observatory Lodge	<b>Motor Control Laboratory</b> <a href="http://www.kines.umich.edu/research/chmr/mcl.html">http://www.kines.umich.edu/research/chmr/mcl.html</a> Prof. Susan V. Brown

<b>North Campus</b>	College Of Engineering	Mechanical Engineering	GGB 3411	<b>Human Biomechanics and Controls Laboratory</b> <a href="http://www-personal.umich.edu/~artkuo/Lab/">http://www-personal.umich.edu/~artkuo/Lab/</a> Prof. Art Kuo
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	GGB	<b>Sensory Augmentation and Rehabilitation Laboratory</b> <a href="http://www-personal.umich.edu/~sienko/">http://www-personal.umich.edu/~sienko/</a> Prof. Kathy Sienko
<b>North Campus</b>	College Of Engineering	Mechanical Engineering	GGB	<b>Heterogeneous Multiscale Materials Laboratory</b> <a href="http://www-personal.umich.edu/~amsastry/">http://www-personal.umich.edu/~amsastry/</a> Prof. Anne Marie Sastry