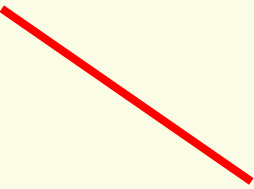
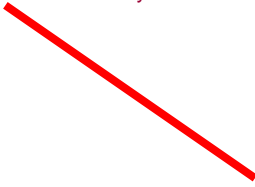
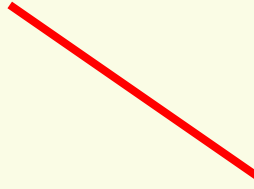
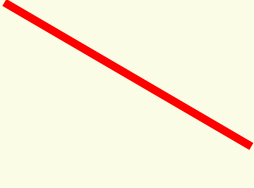
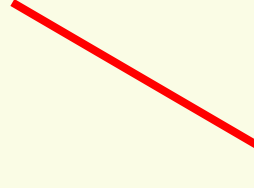
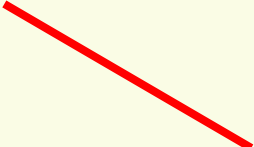
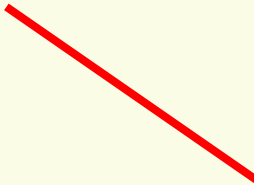
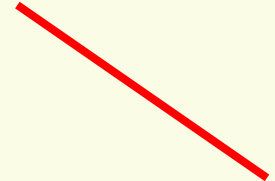


~ University of Michigan Wilderness Medicine M4 Elective – September 2013 ~

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p><b>1</b> OFF previous rotation cycle ends</p>  <p>Key:                      Yellow- field trip                      Blue – Classroom Needed                      Green – Sim Center                      Magenta - Class Room                      Location</p>	<p><b>2</b> OFF Labor Day</p> 	<p><b>3</b> Medsci II - 3813                      Intros, Orientation, Course expectations, and grading (1hr) 8am-9am</p> <p>START triage, C-spine, and carries (2) – Zach, Alan 9am-11am</p> <p>Water disinfection (1) – Zach noon -1pm</p> <p>Survival Skills (2) – Glazer, Zach, Alan 1pm-3pm</p>	<p><b>4</b> CSC 2315                      Wound care, Bleeding control, Compartment syndrome                      Basic suturing lab (2) – Zach Alan 1pm-3pm</p> <p>Orienteering and Arboretum hike with practical (3) – Nate Brouwer, Alan, Zach -3pm - 6pm</p> <p>EMCR B1380 TC                      Ortho Injuries and splinting and lab (2) – Joseph Ward and Mike Knesec 6:30pm-8pm</p>	<p><b>5</b> Medsci II – 3813                      Mammalian attacks (1) – Allen Majkrzak 8:30a-9:30a</p> <p>REI, Ann Arbor - field trip for gear discussion and obtainment (2) 10am-noon</p> <p>Fire starting and architecture– Alan (1) afternoon</p> <p>Camp setup, shelters (2) – Zach, Alan, Glazer afternoon</p>	<p><b>6</b> EMCR B1380 TC                      Trip planning, food needs, (3) – Zach, Alan 9am-noon</p> <p>UM Rec for gear obtainment                      Pack for trip</p>	<p><b>7</b> OFF</p> 
<p><b>8</b>                      8AM leave Ann Arbor travel to Pictured Rocks 402 miles 6hr 9min.                      Start hiking from two opposite checkpoints on Trail.</p>	<p><b>9</b>                      Hiking, Kayaking, Camping 4 nights/5days                      Scenarios 2 per day = 10 total</p>	<p><b>10</b></p>	<p><b>11</b></p>	<p><b>12</b>                      Stay in Hotel Musing, Holiday Inn Express?? Night check in.</p>	<p><b>13</b>                      Noon leave Pictured Rocks travel back to Ann Arbor</p>	<p><b>14</b>                      Medwar – 6 teams of 3 people – Pickney Lake, MI, 10a-6pm  <a href="http://www.medwar.org">www.medwar.org</a></p>
<p><b>15</b> OFF</p> 	<p><b>16</b> EMCR B1380 TC                      Heat and Cold Injury (3) – Julie Welch 9am-noon</p> <p>Helicopter Skills; Search and Rescue Survival Flight show and Tell and S&amp;R in Arboretum                      (3) – Joe Mollinger                      EMCR B1380 TC                      Class room 1-2pm                      Arboretum and Helipad 2-4pm</p>	<p><b>17</b> Medsci II - 3813                      Mushrooms and snake envenomations (2) – Rob Shaffer 8am-10am</p> <p>MSU Beal Botanical Gardens walk through – poisonous and edible plant taxa- (3) – Keenan Bora and Peter Carrington (assistant curator) 2pm-5pm</p>	<p><b>18</b>                      Planet Rock, knot tying, high angle rescue, rock climbing (6) noon - til close</p> <p>One hour instruction by their staff on safety, belaying                      One hour on knots, techniques, and anchors by us.</p>	<p><b>19</b> CSC 2302                      History of Wilderness Medicine and Improvisation (1) – Alan 9am-10am</p> <p>Ophthalmological emergencies (1) – Alan 10am-11am</p> <p>Lightning Injuries (1) –Zach Loew 11am-noon</p> <p>CSC 2315/14                      Ultrasound in austere environments and lab (3) – Nik Theyyanni and Torbin Becker SIM CENTER 12:30pm-3:30pm</p>	<p><b>20</b> CSC 2315/14                      Procedure lectures: ptx, tube thoracostomy, lateral canthotomy, sucking chest wound, etc. (3) – Zach, Alan, Glazer SIM CENTER 8am-11am</p> <p>Arboretum procedure practical (3) – Zach, Alan, Glazer 1pm-4pm</p>	<p><b>21</b> OFF</p>  <p>***Self-study. Students should Read WMS guidelines book in preparation for final exam.</p>

<p><b>22</b></p> 	<p><b>23</b> Kayaking Day Pickney Lake</p> <hr/> <p>Q and A for Final Exam Review AWLS practice test – Zach and Alan</p> <p>Dominic's afterwards</p>	<p><b>24</b> EMCR B1380 TC</p> <p>Submersion/Dive Medicine and Biological Warfare (2) – Greg Hodder 8am-10am</p> <hr/> <p>Space Medicine and Open Sea Survival (2) – Jim Bagian 10am-Noon</p> <hr/> <p>Edible and medicinal plants (1) – Sarah Warber 1-2pm</p> <hr/> <p>Desert Medicine (1) – Marcia Woodburn 2pm-3pm</p> <hr/> <p>Student Lectures start (20min each x 15) (5) 3pm-5pm</p>	<p><b>25</b> Medsci II - 3813</p> <p>Dental Emergencies - Dave Wilson OMFS 8am-9am</p> <hr/> <p>Tactical Medicine (1) – Bill Wilkerson 9-10am</p> <hr/> <p>Infection disease, Fever in the returned traveler, and vaccines (2) - Krishna Rao 10am-noon</p> <hr/> <p>Sheldon Auditorium Towsley Student Lectures continued (20min each x 15) (5) 1pm to finish</p>	<p><b>26</b> Mountain Biking at Island Lake Basic bike maintenance, 2 scenarios (4) – Zach 9am-1pm</p> <hr/> <p>Special populations: women, child, elderly (1) – Joel Krauss 1pm-2pm</p> <hr/> <p>Altitude Medicine (1) – Joe Betcher 2pm-3pm</p>	<p><b>27</b> Medsci II - 3813</p> <p>Final Exam (75 question test) Course Evaluations (2-3) 8am-noon</p>	<p><b>28</b> OFF</p> 
<p><b>29</b> OFF</p> 	<p><b>30</b> New rotation period starts.</p>	<p><b>WM M4 Elective Course Dates 3-27. Total days 25. Camp trip 6 days + 4 days off + 12 classroom days. Typical classroom days 8am – 4pm.</b></p>				

CLASS TOPIC	INSTRUCTOR	CONTACT INFO	DATE	TIME	LENGTH	CONTACTED
Intro and orientation to course	Zach, Alan				1	
START triage, scene safety	Zach, Alan				1	
Cspine, carries, backboards, transport	Zach, Alan				1	
Trip planning and food needs	Zach, Alan				3	
Survival Skills	Zach, Alan, and John, Glazer				2	
Camp setup	Zach, Alan				1	
Wound care, basic suturing, compartment syndrome	Zach, Alan				2	
Fire starting	Alan				1	
Water disinfection	Zach				1	
Ophthalmological emergencies	Alan				1	
Tactical medicine	Bill Wilkerson				1	
Toxinology	Keenan Bora				1	
Infectious disease/travel vaccines and fever in the returned traveler	Krishna Rao				1	
Space medicine and open sea survival	Jim Bagian				2	
Submersion injuries	Greg Hodder				1	
Cold injury	Julie Welch				1.5	
Heat injury	Julie Welch				1.5	
Ortho injuries, dislocations, reductions, splinting	Joseph Ward and Mike Knesec				3	
Lightning injuries	Ben Bassin				1	
Helicopter skills	Joe Mollinger				1	
Search and rescue	Joe Mollinger				2	
Knot tying	Zach and Alan				1	
Mushrooms and Snake envenomations	Rob Shaffer				2	
Poisonous, Edible, and Useful plant taxa	Keenan Bora, Peter Carrington				4	
Orienteering/map reading	Brouwer, Alan, Zach				2	
Desert medicine	Marsh Wood				1	
Improvisation/history of wilderness Medicine	Alan				1	
Animal attacks (bites, rabies) and prevention	Allen Majkrzak				1	
Special populations (women, child, and elderly)	Joel Krauss				1	
Altitude medicine	Joe Betcher				1	
Dental emergencies	Dave Wilson OMFS				1	
History of Wilderness Medicine and Improvisation	Alan				1	

## **WM M4 2013 elective lecturers**

Greg Hodder - [ghodder@epmgpc.com](mailto:ghodder@epmgpc.com) or [greg@hodderweb.com](mailto:greg@hodderweb.com)

Keenan Bora – [kbora@epmgpc.com](mailto:kbora@epmgpc.com)

Julie Welch - [JLWelch@IUPUI.edu](mailto:JLWelch@IUPUI.edu)

Chris Pannucci - [cpannucc@med.umich.edu](mailto:cpannucc@med.umich.edu)

Jim Bagian - [jbagian@umich.edu](mailto:jbagian@umich.edu), [genekim@umich.edu](mailto:genekim@umich.edu)

Joe Mollinger - [josephmo@med.umich.edu](mailto:josephmo@med.umich.edu)

Joseph Ward - [joward@med.umich.edu](mailto:joward@med.umich.edu)

Mike Knesek - [mknesek@med.umich.edu](mailto:mknesek@med.umich.edu)

Rob Shaffer - [rshaffer@med.umich.edu](mailto:rshaffer@med.umich.edu)

Allen Majkrzak - [majkrzak@med.umich.edu](mailto:majkrzak@med.umich.edu)

Nikhil Theyyuni - [ntheyyu@med.umich.edu](mailto:ntheyyu@med.umich.edu)

Torben Becker - [torbenb@med.umich.edu](mailto:torbenb@med.umich.edu)

Joe Betcher - [joebetcher@gmail.com](mailto:joebetcher@gmail.com)

Joel Krauss - [jbkrauss@med.umich.edu](mailto:jbkrauss@med.umich.edu)

Peter Carrington - [carring3@msu.edu](mailto:carring3@msu.edu)

Sara Warber - [swarber@med.umich.edu](mailto:swarber@med.umich.edu)

Bill Wilkerson - [wwilk@med.umich.edu](mailto:wwilk@med.umich.edu)

Cary Engleberg – [cengleb@umich.edu](mailto:cengleb@umich.edu)

Krishna Rao - [krirao@med.umich.edu](mailto:krirao@med.umich.edu)

Josh Glazer - [glazerj@med.umich.edu](mailto:glazerj@med.umich.edu)

Marcia Woodburn - [mwood@med.umich.edu](mailto:mwood@med.umich.edu)

Dave Wilson – OMFS resident

Krishna Rao - [krirao@med.umich.edu](mailto:krirao@med.umich.edu)

Mary Eddy - [maryeddy@med.umich.edu](mailto:maryeddy@med.umich.edu)

John Dery – [drdery@gmail.com](mailto:drdery@gmail.com)

John Breck - [breckj@med.umich.edu](mailto:breckj@med.umich.edu)

Ben Bassin - [bsbassin@med.umich.edu](mailto:bsbassin@med.umich.edu)

Nathan Brouwer - [nbrouwer@med.umich.edu](mailto:nbrouwer@med.umich.edu)

## **Extras for future reference**

Mark Christiansen – [mm81mm81@gmail.com](mailto:mm81mm81@gmail.com)

Erin Murphy – Seafood related toxins –

Holly Williams – Surviving at sea – [holly.williams@med.wmich.edu](mailto:holly.williams@med.wmich.edu)

Brian Young – Marine envenomation – [youngb24@msu.edu](mailto:youngb24@msu.edu)

Anthony Lagina – Dysbarism - [alagina@med.wayne.edu](mailto:alagina@med.wayne.edu)

Nate Brouwer - [nbrouwer@med.umich.edu](mailto:nbrouwer@med.umich.edu)

Randy Forsch - Fishing and fishing hook removal - [rforsch@med.umich.edu](mailto:rforsch@med.umich.edu)

Steve Wampler - Biking or random topics - [stepwamp@med.umich.edu](mailto:stepwamp@med.umich.edu)

Margaret Dobson - Random topics - [mlekande@med.umich.edu](mailto:mlekande@med.umich.edu)

Tilman, Ryan – [rtillman@med.umich.edu](mailto:rtillman@med.umich.edu)

Wendy Wahl – [WahlWL@trinity-health.org](mailto:WahlWL@trinity-health.org)

## **Lecturer Reminder**

Greetings -

You are receiving this email as a reminder of your lecture time and date this upcoming week for the University of Michigan Wilderness Medicine Medical Student Elective in September 2013. Please see the attached schedule for your lecture time and date, as well as location (at the top of the date box highlighted in fuchsia). Attached also are directions to each of the lecture sites at UM. Projector and a computer will be provided. If you are giving a power point please bring it on a removable drive and email it to yourself and me for back up. Please email with any questions. Please find a personalized message below regarding your lectures:



FIELD TRIP	DATE	TIME	LOCATION	CONTACT	EQUIPMENT	TOTAL \$	MISC.
Planet Rock Climbing	9/18/13 Wed	M-W 3pm - 10pm Th 3pm - 11pm Fri 3pm - 10pm (open at 11am Sept. through May) Sat 11am - 8pm Sunday 10am - 6pm Crank Night! Live DJ!	82 April Dr. Ann Arbor, MI 48103	Christopher Lemon -GM <a href="mailto:Christopher@planet-rock.com">Christopher@planet-rock.com</a> 734.827.2680 (o) 734.368.0025 (c)	Bring your own climbing gear if you have it.	\$~30/person x15 = \$480	
Nichols Arboretum (orienteeing and simulation session)	9/4 and 20/13	See schedule for times	Ann Arbor, MI	734.647.7600		free	
Mountain biking	9/26/13	12pm to 6pm - M, TH, FRI 10am to 6pm - SAT, SUN Closed - TU, W	Island Lake, MI	Elbel Field Building 336 Hill Street Ann Arbor 734.764.3967 UM Rec Rental Center Bike Rental	<a href="http://recsports.umich.edu/article/rental-center">http://recsports.umich.edu/article/rental-center</a>	\$5/day for bike rental	
Kayaking	9/23/113	10am-8pm	Argo Canoe Livery Ann Arbor, MI	734.794.6241	<a href="http://www.a2gov.org/canoe">www.a2gov.org/canoe</a>	\$15 for the short trip to Gallup Park for kayak	
Midwest Medwar	9/14/13	10a-6pm	Pinckney Lake, MI	Dave Ledrick <a href="mailto:ledrick@bex.net">ledrick@bex.net</a> 419.270.1912 Mike Omori <a href="mailto:shocdoc1@aol.com">shocdoc1@aol.com</a>	See required gear list <a href="http://www.medwar.org/midwest/gear.htm">http://www.medwar.org/midwest/gear.htm</a>  Canoe rental is from Haevner Canoe.	\$45/person Plus canoe rental \$50/team of three	

REI equipment day	9/5/13	10am-noon	970 W Eisenhower Pkwy Ann Arbor, MI 48103	734.827.1938 Bill - Manager Lynn - Education liaison LDegroo@rei.com	Bring some money and a notebook.	free	
Shooting & Gun Safety (optional) Island Lake Shooting Range	9/22/13	10am	13600 Grand River Rd Brighton, MI 48114	248.437.2784 Roger Jendrusina 248.534.7266 rogerjend@gmail.com	Ammunition (0.22 rounds) and targets.	~\$80/person for gun safety certification	
MSU W.J. Beal Botanical Gardens	9/17/13	2p-5p	S Harrison Rd at Trowbridge Rd, East Lansing, MI 48823	Keenan Bora <a href="mailto:kbora@epmgpc.com">kbora@epmgpc.com</a> Curator Gardens <a href="mailto:telewski@cpa.msu.edu">telewski@cpa.msu.edu</a> Peter Carrington <a href="mailto:carring3@msu.edu">carring3@msu.edu</a> Assistant Curator 517.331.4937 (c) 517.884.0781 (o)	<a href="http://www.cpa.msu.edu/beal/pdf/tour_form.pdf">http://www.cpa.msu.edu/beal/pdf/tour_form.pdf</a> <a href="http://www.cpa.msu.edu/beal/wedding/wed_frames.htm">http://www.cpa.msu.edu/beal/wedding/wed_frames.htm</a>	free	