The Pulse......

First off - it’s great getting to know all of you in classes this semester! The personality of the class that is emerging is nothing short of amazing - all of the faculty have mentioned that you are engaged in the learning process, ask great questions, and make it “positive” in the classroom. It really creates a great dynamic - so, way to go!

October CEM Seminar
Dr. Ben Beard, National Center for Emerging and Zoonotic Infectious Diseases @ CDC
Oct 29th
Noon!

TSA - CANS AROUND THE OVAL
We are competing against all registered student organizations in this annual food drive for the Larimer County Food Bank. Deadline for donations (cash or cans) is Oct 22nd!

Meet a TA!
BS - Oceanography and Conservation Resources
UC Berkeley
MS - Environmental Occupational Health Cal State-Northridge and Cal Tech
PhD research - PAHs in aquatic environments
Dr. Ramsdell doctoral advisor

Factoids:
1. She has scuba-dived with sharks in Australia and has worked with tigers and other exotic species.
2. She was born in Europe and speaks 4 languages!
3. She was a Division 1 athlete in college and qualified for the US National Swim Team!
4. She is happily married to a veterinary ophthalmologist and has one son, two dogs and three cats.

Upcoming dates to consider:
Registration for Spring Semester: begins Oct 27th
Society for Risk Analysis (SRA): Dec 7-10 in Denver
Society for Environmental Toxicology and Chemistry (SETAC): November in Vancouver
Society of Toxicology (SOT): March 22-26 in San Diego, CA

HOORAH!

CONGRATULATIONS TO
BILL WILSON, MS CANDIDATE
COLO STATE GRADUATE FELLOWSHIP FOR 2014-15
FOOD FOR THOUGHT
TOXICOLOGY FORENSIC CASE

Initial Data: A 7 year old boy. Collapsed about 5 minutes after coming home from Trick or Treating on Halloween night. EMS arrived at the scene within minutes but could not revive the boy and he was transported to the ER in cardiac arrest.

Important History: Was diagnosed with behavioural problems and was put on IMIPRAMINE (25 mg/d) about 7 months prior to death. Dose was increased to 50 mg/d 5 months prior to death. Dose was increased again to 125 mg/d 2 months prior to death. He was prescribed THIORIDAZINE (50 mg/d) which was added 2 months prior to death. This dose was increased to 75 mg/d 3 weeks prior to death.

Tox Results:

<table>
<thead>
<tr>
<th></th>
<th>IMIPRAMINE</th>
<th>Desipramine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blood sample</td>
<td>1.2 mg/L</td>
<td>9.9 mg/L</td>
</tr>
<tr>
<td>Liver Sample</td>
<td>68 mg/kg</td>
<td>400 mg/kg</td>
</tr>
<tr>
<td>Therapeutic Level</td>
<td></td>
<td>0.2-0.4 mg/L</td>
</tr>
<tr>
<td>Fatal Levels</td>
<td></td>
<td>&gt; 6.0 mg/L</td>
</tr>
</tbody>
</table>

What was the mechanism behind the accidental death?
Answers turned in to Dr. Legare will receive a treat for the trick of figuring out this case......

Paninos
Pizza & Pasta

15% off your meal

Bring this coupon to identify yourself as part of the TOX program and enjoy the great food!
expires 10-31-2014