K-12 Science Teacher Workshop @ SBU

Welcome to our lab development workshop!

Program Goals

(1) To bring K-12 science teachers, school administrators and SBU science faculty together for a discussion on the current status of science education at both K-12 and college levels. Any challenges recognized from the discussion can lead to opportunities for networking and new partnerships between K-12 schools and SBU science departments and/or between K-12 schools for both short-term and long-term purposes.

(2) To provide a hands-on experience for K-12 science teachers to develop a lesson for laboratory activities that will be transferable to HS classroom to provoke student interests in the STEM field.

Program Schedule

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITIES</th>
<th>LOCATION (Building# on map)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>July 15th (Wednesday)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:30AM – 9AM</td>
<td>Registration &amp; Coffee</td>
<td>University Club (#17)</td>
</tr>
<tr>
<td>9AM – 12PM</td>
<td>All person meeting</td>
<td>University Club (#17)</td>
</tr>
<tr>
<td>12PM – 1PM</td>
<td>Lunch</td>
<td>University Club (#17)</td>
</tr>
<tr>
<td>1PM – 2PM</td>
<td>Lab Design</td>
<td>De La Roche 215 (#20)</td>
</tr>
<tr>
<td><strong>Concurrent Sessions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2PM – 4PM</td>
<td>Physics Lab</td>
<td>De La Roche G01 (#20)</td>
</tr>
<tr>
<td>2PM – 4PM</td>
<td>Geology Lab</td>
<td>De La Roche 223 (#20)</td>
</tr>
<tr>
<td><strong>July 16th (Thursday)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9AM – 12PM</td>
<td>Chemistry Lab</td>
<td>Walsh G08 (#26)</td>
</tr>
<tr>
<td>12PM – 1PM</td>
<td>Lunch</td>
<td>Hickey Dinning Hall (#18)</td>
</tr>
<tr>
<td>1PM – 4PM</td>
<td>Biology Lab</td>
<td>Walsh 107 (#26)</td>
</tr>
<tr>
<td><strong>July 17th (Friday)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9AM – 12PM</td>
<td>Math Lab</td>
<td>De La Roche 106 (#20)</td>
</tr>
<tr>
<td>12PM – 1PM</td>
<td>Lunch</td>
<td>Hickey Dinning Hall (#18)</td>
</tr>
<tr>
<td>1PM – 2PM</td>
<td>Group Work</td>
<td>Walsh 107 (#26)</td>
</tr>
<tr>
<td>2PM – 4PM</td>
<td>Teacher Presentation</td>
<td>Walsh 107 (#26)</td>
</tr>
</tbody>
</table>
Participant List

**Allegany-Limestone Central School**

- Mesi, Dean (Principal)  
  Email: dmesi@alcsny.org
- Lathrop, Tonya  
  Email: Tlathrop@alcsny.org

**Franklinville Central School**

- Jordan, Jessica  
  Email: jordan@frkl.wnyric.org
- Olrogg, Sherry  
  Email: solrogg@frkl.wnyric.org
- Schifley, Susan  
  Email: schife@verizon.net

**Olean High School**

- Martel, Mike (Assistant Principal)  
  Email: MAMartel@OLEAN.WNYRIC.ORG
- Kopec, Laura  
  Email: LKopec@OLEAN.WNYRIC.ORG
- Ring, Kris  
  Email: Kring@OLEAN.WNYRIC.ORG

**Scio Central School**

- McKinley, Cristy (Director of Curriculum & Instruction)  
  Email: CMCINLEY@SCIO.WNYRIC.ORG
- Hartnett, Rebecca  
  Email: BHARTNETT@SCIO.WNYRIC.ORG

**St. Mary’s High School**

- Kranz, Rebecca (Principal)  
  Email: RKRANZ@SMHLANCERS.ORG
- Conner, Philip  
  Email: PCONNER@SMHLANCERS.ORG

**Walsh High School**

- Housler, Lois  
  Email: LOIS.HOUSLER@WALSHSTCS.ORG
St. Bonaventure University

**Department of Biology**
Dr. Georgian, Ted  
Professor  
Phone: (716) 375-2631  
Email: Georgian@sbu.edu

Ms. Knittel, Romy  
Lecturer  
Phone: (716) 375-2486  
Email: rknittel@sbu.edu

**Program Organizer**
Dr. Zhang, Xiao-Ning  
Associate Professor  
Phone: (716) 375-2485  
Email: xzhang@sbu.edu

**Department of Mathematics**
Dr. Cox, Maureen  
Associate Professor  
Phone: (716) 375-2476  
Email: mcox@sbu.edu

Dr. Hill, Christopher  
Assistant Professor  
Phone: (716) 375-2025  
Email: chill@sbu.edu

**Department of Physics**
Dr. Kiefer, Jerry  
Professor  
Phone: (716) 375-2671  
Email: jkiefer@sbu.edu

**Department of Chemistry**
Dr. Godbout, Jerry  
Assistant Professor  
Phone: (716) 375-2649  
Email: jtgodbou@sbu.edu

**School of Education**
Dr. Paula Kenneson  
Assistant Professor  
Phone: 716-375-2485  
Email: pkenneso@sbu.edu

**Student Helper**
James Bates, BS, Biology, Master degree candidate in Education  
Email: batesje13@bonaventure.edu

We thank the generous support of the Kim family (Kevin Kim’s family).