7th Annual Interdisciplinary Quantitative Biology Boot Camp
CLOUD TECHNOLOGIES - BEST PRACTICES

DAILY PROGRAM

**DAY 1 Monday, January 13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>Rutgers Institute for Quantitative Biomedicine: Introduction and Orientation</td>
<td>120</td>
</tr>
<tr>
<td>9:30am – 10:00am</td>
<td>NIH STRIDES Program</td>
<td>120</td>
</tr>
<tr>
<td>10:00am – 12:00pm</td>
<td>Google Cloud Platform (GCP) – Fundamentals &amp; Core Infrastructure</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>GCP – Fundamentals &amp; Core Infrastructure</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant feedback</td>
<td>120, 126, 206, 306</td>
</tr>
</tbody>
</table>

**DAY 2 Tuesday, January 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>NIH STRIDES Program</td>
<td>120</td>
</tr>
<tr>
<td>9:30am – 12:00pm</td>
<td>Amazon Web Services (AWS) – Technical Essentials</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>AWS – Technical Essentials</td>
<td>120, 126, 206, 306</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant feedback</td>
<td>120, 126, 206, 306</td>
</tr>
</tbody>
</table>

During program days 3, 4, and 5 – **four 1.5-day courses** will be offered, each running twice in concurrent blocks labeled A and B.

**DAY 3 Wednesday, January 15**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Course Room</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>Daily Briefing</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>9:30am – 12:00pm</td>
<td>A AWS – Machine/Deep Learning I</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>A AWS – Machine/Deep Learning II</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant Feedback</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>9:30am – 12:00pm</td>
<td>A AWS – Machine/Deep Learning II</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>A AWS – Machine/Deep Learning II</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant Feedback</td>
<td>120</td>
<td>126</td>
</tr>
</tbody>
</table>

**DAY 4 Thursday, January 16**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Course Room</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>Daily Briefing</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>9:30am – 12:00pm</td>
<td>A AWS – Machine/Deep Learning III</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>B AWS – Machine/Deep Learning I</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant Feedback</td>
<td>120</td>
<td>126</td>
</tr>
</tbody>
</table>

**DAY 5 Friday, January 17**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Course Room</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am – 9:30am</td>
<td>Daily Briefing</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>9:30am – 12:00pm</td>
<td>B AWS – Machine/Deep Learning II</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch/Woody’s Cafe vouchers provided</td>
<td>120</td>
<td>126</td>
</tr>
<tr>
<td>1:00pm – 4:30pm</td>
<td>B AWS – Machine/Deep Learning III</td>
<td>120</td>
<td>206</td>
</tr>
<tr>
<td>4:30pm – 5:00pm</td>
<td>Participant Feedback</td>
<td>120</td>
<td>126</td>
</tr>
</tbody>
</table>
7th Annual Interdisciplinary Quantitative Biology Boot Camp
CLOUD TECHNOLOGIES - BEST PRACTICES

BOOT CAMP Participants

Daniel Balouek-Thomert
daniel.balouek@rutgers.edu
Charmi Bhikadia
charmi.bhikadiya@rcsb.org
Chunxiao Bi
chunxiao.bi@rcsb.org
Sebastian Bittrich
sebastian.bittrich@rcsb.org
Stephen Burley
stephen.burley@rcsb.org
Jason Cariaga
jmc803@scarletmail.rutgers.edu
Janet Chang
yc759@oarc.rutgers.edu
Yun-juan Chang
yc759@oarc.rutgers.edu
Yun Chen
yhc24@scarletmail.rutgers.edu
Li Chen
li.chen@rcsb.org
Larry Cheng
larryc89@scarletmail.rutgers.edu
Neil Coleman
nrc48@scarletmail.rutgers.edu
Galen Collier
galen.collier@rutgers.edu
Brandon Conklin
bc497@scarletmail.rutgers.edu
Ken Dalenberg
kenneth.dalenberg@rcsb.org
Bala Desinghlu
bala.desinghlu@rutgers.edu
Megan Dilorio
mcd21@scarletmail.rutgers.edu
Jose Duarte
jose.duarte@rcsb.org
Chen Fan
chf24@scarletmail.rutgers.edu
Maryam Fayazi
mf786@scarletmail.rutgers.edu
Zukang Feng
zukang.feng@rcsb.org
Sai Ganesan
sai.ganesan@rcsb.org
Helen Gao
hg206@scarletmail.rutgers.edu
Vladimir Guranovic
vladimir.guranovic@rcsb.org
Naureen Hameed
nh297@gsbs.rutgers.edu
Zeina Houmani
zh214@scarletmail.rutgers.edu
Benjamin Hsueh
bh3456@scarletmail.rutgers.edu
Jennifer Jiang
jij549@scarletmail.rutgers.edu
Natallia Kalinava
Natallia.kalinava@bms.com
Ghanshyam Khanal
khanal@physics.rutgers.edu
Vlad Kholodovych
kholodovych@oarc.rutgers.edu
Catherine Lawson
cathy.lawson@rcsb.org
Sang-Hyuk Lee
shlee@physics.rutgers.edu
Ki-Bum Lee
kblee@rutgers.edu
Dan Liu
cassie.dan.liu@rutgers.edu
Yuanhao Liu
liuyuanhao13@163.com
Dongfang Liu
dongfang.liu@rutgers.edu
Robert Lowe
robert.lowe@rcsb.org
Changong Lu
ci1205@rgb.rutgers.edu
Xiang-Jun Lu
xiangjun@b3dna.org
Karan Naik
kn172@rutgers.edu
Harry Namkoong
harry.namkoong@rcsb.org
Ezra Peisach
ezra.peisach@rcsb.org
Christopher Randle
chris.rand@rcsb.org
Phillip Rechani
ppr93@physics.rutgers.edu
Ruoyu Ren
rg862@scarletmail.rutgers.edu
Alexander Rose
alex.rose@rcsb.org
Yana Rose
yana.valasatava@rcsb.org
Seyed Sabok-Sayr
saboksayr@physics.rutgers.edu
Jaya Satagopan
satagopan@ph.rutgers.edu
Emma Schweitzer
ems356@gsbs.rutgers.edu
Joan Segura Mora
joan.segura@rcsb.org
Chenghua Shao
chenghua.shao@rcsb.org
Michael Siliker
michael.siliker@fccc.edu
Rose Sokkind
r.sokkind@rutgers.edu
Jonathan Steeber
jds387@scarletmail.rutgers.edu
Krishnamurthy Subramanian
krsubramanian@dsi.rutgers.edu
Siqi Sun
siqi.sun@rutgers.edu
Ye Tian
yj334@stat.rutgers.edu
Caitlyn Tobita
c5444@scarletmail.rutgers.edu
Stefjord Todolli
stefjord.todolli@rutgers.edu
Brinda Vallat
brinda.vallat@rcsb.org
J.J. Villalobos
jj.villalobos@rutgers.edu
Maria Voigt
maria.voigt@rcsb.org
Wei Wang
ww346@scarletmail.rutgers.edu
Lu Wang
lwwang@chem.rutgers.edu
Stanley Weiss
weiss@rutgers.edu
John Westbrook
john.westbrook@rcsb.org
Jonathan Williams
jon.williams@rutgers.edu
Tongji Xing
bx25@scarletmail.rutgers.edu
Zhuxuan Xu
kellen.xu@rutgers.edu
Zhuoxuan Xu
zhuoxuan.xu@rutgers.edu
Jasmine Young
jasmine.young@rcsb.org
Anbo Zhou
az194@gsbs.rutgers.edu

Program Contributors and Instructors

John Westbrook
john.westbrook@rcsb.org
Stephen Burley
stephen.burley@rcsb.org
Gargi Singh Chhatwal
gcchhatwal@amazon.com
Sarah Eells
sarah.eells@roitraining.com
Tom Fonseca
tomfon@amazon.com
Steve Gieseke
steve@lochnetsystems.com
Alex Meade
mr.alex.meade@gmail.com
Uttam Naidu
uttamhn@amazon.com
Anel Perez
anelper@amazon.com
Doug Rehnstrom
Doug@roitraining.com
George Sawyer
saweryg@amazon.com
Mike Sutton
Mike.Sutton@roitraining.com

Parking Information

Rutgers students, staff, and faculty must park according to their permits.

Visitors MUST register their vehicles to park on campus or they will get ticketed. Go to iqb.rutgers.edu/bootcampwinter2020 to access the registration link.

Event parking is available in Busch Lots A & B on Hoes Lane West, Piscataway, NJ 08854.

The organizers would like to extend a special thank you to the following members of the Rutgers Institute of Quantitative Biomedicine for their contributions to this Boot Camp: Bernadette Cariaga, Don Corrette, Kenneth Dalenberg, Harry Namkoong, Michelle Sanghera, and Maria Voigt.