Agenda

• Project Overview
• Analysis
  • Peer
  • Site
  • Russ Berrie
• Site Management
  • Noise & Vibration
  • Typical Floor & Clinical
  • Vivarium
  • East Façade
• Timeline
Project Overview
Site Plan
SITE ANALYSIS
Site Specific Analysis

- Surveyed sensitive equipment @ RB (Cerami Associates)
- Surveyed vivarium activity at RB
- Verified site conditions below parking lot
  - Sandy fill
  - Rock (+/- 950 cubic yards)
- Analyzed rock excavation methods
  - Drilling
  - Hydraulic splitting
  - Hoe ram
Site Analysis: Vibration Sensitive Equipment

Room 5-520C:
F. Mancia
Crystallography Equipment & (3) Mosquito Equipment

Room 5-515
A. Marks
Crystal Plate Storage

Room 5-510
C. Karan
Automation Suite

Room 3-306
A. Christiano
Microscopy Room
Confocal Microscope

Room 6-612
L. Sussel
Confocal Microscope

Room 4-408A
S. Kousteni
DEXA scanner

Room 4-404
S. Kousteni
Histology Sectioning & Real Time PCR Machine

Room 5-511
A. Marks
Confocal Microscope

Room 6-606
L. Sussel / Wolgemuth
Epifluorescence Microscope

Room 3-302A
E. Lumpkin
Electrophysiology RIG Room #2

Room 5-505
H. Colecraft
Electrophysiology RIG #1 & 2

Room 4-402
L. Shapiro
Crystal Plate Incubator

Room 7-734
Metabolic Cages (Shared)

Room 3-301
E. Lumpkin
Electrophysiology RIG Room #1
SITE MANAGEMENT
Site Management: Noise & Vibration

Vivarium

- Relocate sensitive mice
- Provide vibration pads for mice racks
- Install acoustical protection on east facing walls
- Reconfigure Emergency Egress

Labs & Offices

- Baseline testing & analysis
- Seal and insulate all east façade windows
- Ongoing Site Monitoring
  - Noise
  - Vibration
Site Management

[Diagram showing a new acoustical barrier and site management for a building with labels for new building, Russ Berrie building, and Russ Berrie building services.]
Site Management: Vivarium

Room 730  Room 738  Room 746

New Acoustical Barrier

New Acoustical Barrier

New Acoustical Barrier

Room 734

Building Services
Cage and Rack Washing
Colony / Procedure
Site Management: East Façade
Clean Construction & Infection Control

- Apply pre-filters to building filters
- Use zipper tents during demolition
- Create vestibule between new construction and Russ Berrie elevator lobbies on all floors
- Provide plastic seal on construction side of temporary walls of all lobby floors
- Provide Hepa-filter fans to create negative pressure
- Wet down soil during excavation
- Low Sulfur Diesel Equipment
- Equipment Noise Dampening
- Ongoing noise & vibration monitoring
Timeline

• Bidding & Contracts: **July – November 2014**

• Ground Breaking Ceremony: **October 2014**

• Anticipated Start: **December 2014 – Site Preparation**
  **January 2015 – Commence Construction**

• Duration of Excavation: **4 - 6 months**
  - Demolition: 1 month
  - General Excavation: 1 month
  - Rock Removal: 2 months
  - Install Caissons: 1 month

• Anticipated Completion: **Spring 2017**
Communications

• **Project Manager:** Anthony Donatich  
  ad2759@cumc.columbia.edu  
  917.453.7687

• **Associate Project Manager:** Suzy Yoon  
  jsy2125@cumc.columbia.edu  
  646.823.1334

• Communications includes:
  
  • Meetings
  
  • Electronic Signage
  
  • Project Website [www.nursing.columbia.edu/construction-updates](http://www.nursing.columbia.edu/construction-updates)
  
  • Project Email: *nursingbldg@columbia.edu*
  
  • Telephone Support: **212 - 304 - RUSS (7877)**
Q & A

Q1: For people who currently work and park at Russ Berrie, where will they park once the construction starts?

A1: Most people who currently work and park at Russ Berrie will be assigned a parking space at ICRC parking garage. The parking space assignment will be distributed in December and take effect starting January 2015.

Q2: Lori Zeltser asked about the feasibility of using behavioral testing space in another building.

A2: This option has not been part of earlier discussions, but Joanne will be happy to speak with Lori and see what can be done.

Q3: What happens to the egress stair existing onto the parking lot once the construction begins?

A3: The existing egress stair will exit into a temporary egress corridor through the loading dock. This work will be completed prior to the start of the new building construction work.
Q4: It is crucial to have someone respond to an event of emergency in Russ Berrie building. Will there be an immediate support and response during construction?
A4: Tony Donatich (PM) and Suzy Yoon (Assoc. PM) will be available via email and phone. Steve Archuleta, the Director of East Campus Services, will be in charge of Russ Berrie building maintenance and emergencies and the main contact for any emergencies.

Q5: What is the plan for out patients parking (Naomi Diabetes Center)?
A5: A valet parking will be available at ICRC parking garage entrance for all patients going to Naomi Diabetes Center. The patients will have an option to have the car driven to the Russ Berrie building entrance. There will be a communication system (Zingle) set up between the patients and the valet so the cars will be ready for pick up as soon as they leave the building. (Zingle communication system 917-603-2339)