# Birck Nanotechnology Center Shut Down Notice
# March 17, 2016 from 12:01AM to 11PM

PURDUE UNIVERSITY Discovery Park

**NOTICE: The BNC will be completely closed for one day on March 17, 2016 from 12:01AM to 11PM. Only people involved in the shutdown will be allowed in the building during the shutdown. All offices, laboratories, and the cleanroom will be closed. All chemicals and research inside fume hoods will need to be placed in closed containers prior to March 17, 2016 at 12:01AM**

This is an advance notice on March 17, 2016 from 6AM to 9PM Purdue Physical Facilities Department will complete an emergency power interruption to fix a high voltage power issue with our center's fire pump controller.

Per safety codes, power to the fire pump transfer/control was hardwired directly from the electrical substation to the fire panel when the building was constructed. This wiring bypasses our main switchboard and provides no lockout point for the fire panel. Therefore, for safety reasons the electric substation providing power to the fire pump has to be shutdown. The affected substation also supplies power to one of the building's three, 3000 amp switchboards. Only essential personnel will have access to the building during the power outage since the building will be without fire protection during that time.

All CLEANROOM and LABORATORY research work will be suspended and building access closed during power outage. All exhausted hoods, vacuum systems, and/or toxic gas systems will be shut down, and chemicals inside fume hoods will need to be placed in closed containers prior to March 17, 2016 at 12:01AM.

General areas that will be affected by the power outage are listed below.

- All chemical exhaust systems for the labs and cleanroom.
- Building ambient temperature and humidity control
  - Offices
  - General laboratories
  - Cleanroom
  - Atrium
- Office power and lighting (all computers will lose power)
- Atrium power and lighting
- Card reader system

Systems NOT affected by the power outage are listed below.

- Emergency power (on emergency generator power)
- UPS power (on emergency generator power)
- Equipment emergency power (on emergency generator power)
- Cleanroom research equipment power (power from a different switchboard)
- Laboratory research equipment power (power from a different switchboard)