# RHIC/AGS UEC Mar 4

Justin Frantz, Chair 3/4/16

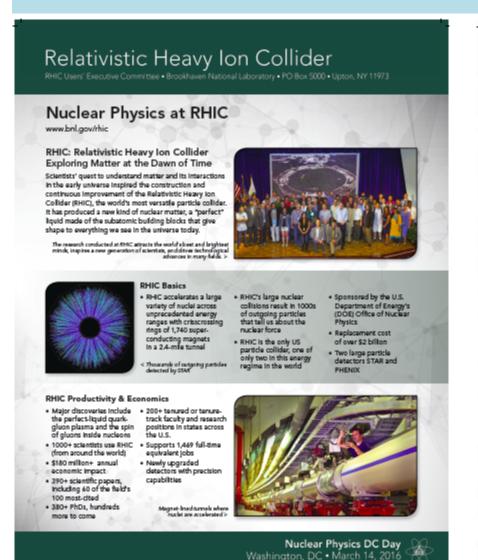
## Agenda Items

- Next Meeting: 4/8 (Before BNL workshop)
- DC Nuclear Day
- QOL/Report Amy Nunziata Mtg/Diversity WG

## DC Lobbying Day

- Monday March 14<sup>th</sup> Pre-Dinner March 13<sup>th</sup>
- Status: ~27 Volunteers
  - Some late signups turned away except Jim Thomas will sub for a couple NY folks who dropped out (/Cali)
    - Paul Romatske Colo: Renee Fatemi KY student: lobbyists considered but decided they wouldn't be able to schedule
- Training session/conference call today 1:30pm
- Info to be distributed:
  - organizational website, info about leaving bags, dinner time needs fixed/restaurant?, congressional meetings schedules
- Justin DOE Mtg @ 10am → will leave after 8am mtg w/ Michael Thoenessen (FRIB rep/organizer)
- Rides NY → DC Lijuan please report

## New Fact Sheet! (pdf also in slides area)





Thanks Agnes, Kelly, Media/Communications Karen, Pete Genzer, Berndt, Jen Abramowitz (Designer): Made Quickly! -> fyi special lobbying acct for Graphic Design

properties of metter from

elementary stornic particles to the evolution of the universe

U.S. Department of Energy's

Two crissorossing rings of

1,740 superconducting

 Two complementary, stateof the art detectors PHENX

Collides everything from

polarized protons to heavy

renge of beam energies

Over 1,000 per year from

laboratories, universities, and other research institutions

The nation's Nuclear Science

recommending a budget that

science...the minimal budget

for a viable U.S. program that

The committee ranks "FHIC as

absolutely central in its ability

to contribute to world-leading

of its users across the country.

www.bnl.gov/rhic

science in the next decade."

maintains leadership in the core

- 2012 NSAC Subcommittee Report. to DOE Office of Science and NSF

2013 NSAC Subcommittee

Report on Scientific Facilities The President's FY16 budget request would support the goals of RHC and fund the research

"will allow the U.S. to preserve

strong support for RHC,

the tools that anable our

areas of nuclear science."

Advisory Committee expresses

netional and international

Strong Support

nuclei across an unmatched

magnets in a 2.4-mile tunnel

Replacement Cost

-62 billion

and STAR

Users

(DOE) Office of Nuclear Physics



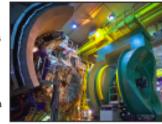
# Old **Fact**

Use 2 sides pics of

#### Purpose Exploring Matter at the Dawn of Time To study the fundamental

The Relativistic Heavy Ion Collider: Inspiring Science and Innovation

Scientists' quest to understand the early universe and interactions among its fundamental particles has inspired the design, construction, and continuous improvement of the Relativistic Heavy Ion Collider (RHIC), the world's most versatile



PHENIX, one of RHIC's particle-tracking detectors

Strategic Impact Attmcts/serves more than 1000 scientists from around the world

- Supports 1,469 fulltime equivalent jobs
- Generates more than \$180 million in annual economic outeut
- Triggers spin-off benefits including:

medical isotopes for heart scans and cancer treatment; studies of space radiation to protect future astronauts; accelerator advances that could improve cancer treatment and ouclear reactor safety, R&D to advance energy storage; and computational approaches for managing "big data" in many fields

- Inspires and trains hundreds of students for caseers in science, technology, engineering, and mathematics (STEM)
- Develops the high-tech workforce needed. to address broad-impact scientific and technical challenges in communications, energy technologies, national security, medicine, and more
- Positions the U.S. as a leader in science.

#### RHIC's Role in the Future

- A strong RHIC community is a key piece of the scientific and technological foundation for the next-generation. research facility for nuclear science, an Electron-Ion Collider (EIC).
- · RHIC infrastructure can provide an affordable path to an EIC, enabling continued U.S. leadership in nuclear physics and ancillary benefits for decades to come.
- Sufficient funding for RHIC is essential for a smooth transition that preserves scientific talent, international collaborations, and foreign investments.
- If RHIC didn't exist, something like it would have to be built at much

Sheet

particle collider. The research conducted at RHIC attracts the world's best and brightest minds, inspires a new generation of scientists, and drives technological advances in many fields. RHIC is a vital national resource for cutting-edge discovery, accelerator science and engineering R&D, future workforce development, and continued U.S. leadership in science and technology.

#### Only Collider in the U.S.

- · RHIC is the only U.S. collider, and the world's only polarized proton collider.
- RHIC collides particles over a wide range of energies to explore details of the transition between matter at the dawn of time to the atomic model that make up 99 percent of the mass of visible matter in the universe today.
- Physicists from RHIC and Europe's Large Hadron Collider (LHC) agree that both RHIC and LHC are needed to fully study early-universe matter.

#### Unmatched Versatility, Productivity

- Record-setting collision rates and proton polacization
- Access to wide variety of ions and beam energies for controlled studies
- Newly upgraded detectors with precision
- 3804 scientific papers, including 60 of the field's 100 most-cited
- 380+ PhDs, hundreds more to come 200+ tennoed or tennoe-track faculty and.
- research positions in states across the U.S.

more logo restrictions now

New fact sheet

unable to use

**BNL logo:** 

Legal Counsel involved



Thousands of particle tracks at STAA.

# QOL/ Diversity WG

### QOL:

- Any updates on Internet Quality?
- Meeting with Amy Report
- Brant/Peter/Kathy in attendance → Amy took our comments, seems to be communicating need for improvements to Metz
- Still need to put positive blog about BNL CDC response: some email?
- Email about train station at blog?

## Amy Nunziata Mtg:

- Enterprise car seat options Amy taking care of
- Food: smiley face insta feedbacks will likely be installed @ Berkner
- She will suggest more ingredients (e.g. Gluten) shown

## Diversity:

- PING Christina Swinson?
- Kelly working on debugging listserver.