

2015 GHP Business Meeting

Peter Petreczky

Baltimore MD, April 8, 2015

GHP at present: scope and membership

GHP meetings and budget

APS Fellows from GHP

GHP Dissertation Award

APS April meetings : present and future

GHP at Present

- **Scope:** The mission of the APS Topical Group on Hadronic Physics (GHP) is the advancement and diffusion of knowledge related to QCD and hadronic physics. The topical group should interest physicists working on spectroscopy, lattice gauge theory, structure physics, heavy ion physics, jet physics, and QCD at finite temperature and density.
- **Executive committee:** Christine Aidala, Matthias Burkard (past chair), Leonard Gamberg, Peter Peteczky (chair), Paul Reimer (vice chair), Craig Roberts (Sec./Treasurer), Raju Venugopalan (chair elect); Past members include John Arrington and Ramona Vogt
- **Membership :** 490 members (as of today), fairly constant over the past 3 years
- Need about 500 members to nominate 2 candidates for APS Fellowship

GHP Meetings and Budget

- GHP15 workshop is the primary meeting of this unit in odd years, APS April Meeting in even years

- BUDGET:

	2015	2014	2013
Total Funds:	\$36,581.01	\$23,852.18	\$18,208.82
Dues from member.:	\$2,410.00	\$2,490.00	\$2,415.00
Sponsorship:	\$4,000.00 (BNL)	\$2,500.00(Jlab)	\$4,000.00(BNL)
GHP meeting fees:			\$7,955.00
April Mtg. revenue:		\$742.00	\$1,345.00
APS income:	\$133.57	\$616.38	\$574.07
GHP expenses:		\$805.02	\$16,989.98
Net Revenue/Expense:	???	\$5,543.36	-\$700.91

APS Fellows from GHP (2013)



Bob Mawhinney
(Columbia University)

“For his pioneering contributions using lattice techniques to the quantitative description and understanding of the physics of quarks and their role in the weak interactions and QCD phase diagram.”



Bolek, Wyslouch
(Massachusetts Institute of Technology)

“For his leadership role in the PHOBOS experiment and in creating a world-class heavy ion research program within the CMS Collaboration at the LHC”

APS Fellows from GHP (2014)



Stepan Stepanyan
(Jefferson Laboratory)

“For pioneering research to access generalized parton distributions through deeply virtual exclusive processes and the 3-dimensional imaging of the nucleon’s quark structure, and for the development of innovative experimental methods and apparatus in medium energy hadron physics.



Colin Morningstar
(Carnegie Mellon University)

“For his outstanding contributions to understand the strong force and its hadron spectroscopy based on the fundamental theory of Quantum Chromodynamics”

APS Fellows from GHP

- Nominated by DNP:
Steffen Bass (Duke), Michael Pennington (Jlab),
Reinhrard Schumacher (Carnegie Mellon) ,
Feng Yuan (LBNL)
- Nominated by DPF: Peter Arnold (U Virginia),
Roy Briere (Carnegie Mellon)

GHP Dissertation Award

"Exploring the Structure of Hadrons Through Spin Asymmetries in Hard Scattering Processes."



Daniel attended Lebanon Valley College (Annville, PA) on a **Vickroy Scholarship** and received his Bachelor's degree in May 2008 as a double major in Physics and Mathematics. During his time as an undergraduate, he won the College's **Academic Achievement Award in Physics**, **Max F. Lehman Memorial Mathematics Award**, and **John Walter Outstanding Scholar-Athlete Award**. Daniel then attended graduate school at Temple University (Philadelphia, PA) on a University Fellowship and received his Ph.D. in Theoretical Physics in May 2013. During that time, he was awarded the **University's Peter Havas Scholarship for Outstanding Physics Graduate Students**. He was also selected to attend the **Lindau Nobel Laureates Meeting**

GHP Dissertation Award

It was established in 2011 by contributions from BNL, Jlab and GHP members To recognize outstanding young scientists who have performed original research in the area of hadronic physics, the APS Topical Group on Hadronic Physics The award consists of \$1000 and a travel allowance of up to \$1500 to attend the GHP workshop. The dissertation award is presented biennially.

Current GHP Dissertation Fund: **\$11,125.73**

We need: about **\$24K** in this fund to be able to grant this award annually

Please donate at

<https://www.aps.org/memb-sec/profile/DonationFunds.cfm>

\$20 donation per GHP member would accomplish this goal

Past donors include : Christine Aidala, David Armstrong, John Arrington, Stan Brodsky, Robert Edwards, Ron Gilman, Ulrich Heinz, Curtis Meyer, Gerald Miller, Xin Qian, Craig Roberts, Eric Swanson, Ramona Vogt, Bin Zhang.

APS April Meeting

- GHP participates in the APS April Meeting and is allocated two 2 sessions

This year GHP sponsors 6 invited sessions including 3 invited sessions (one joint with DPF and another on EIC with DNP)

Program committee for 2015: Ken Hicks, Peter Petreczky (chair), Craig Roberts, Raju Venugopalan

Program committee for 2016: Raju Venugopalan (chair)

80-100 GHP members attend the April Meeting

GHP has its own sorting categories for the April meeting:

<http://www.aps.org/meetings/april/scientific/categories.cfm#cats>

Please consider submitting abstracts under this sorting category

APS April Meeting

CHARGE TO THE 2013 APS “APRIL” MEETING TASK FORCE

“...What changes might be implemented to make this more of a "must attend" meeting?”

TASK FORCE MEMBERS:

Tim Gay (*Chair*) , University of Nebraska, Patricia McBride (Fermilab), Daniel Holz (University of Chicago), William Zajc (Columbia Univ), Peter Petreczky (BNL, GHP) Cary Forest (Univ of Wisconsin) Brenda L Dingus (LANL)Karsten Heeger (Yale University), Megan Comins (Cornell), Daniel Kleppner (MIT)

Survey of APS members was conducted (following the suggestions from GHP Executive Committee) and the report has been submitted to APS