Introduction

Myron Campbell, Steven Goldfarb, Alexis Mulski, Junjie Zhu

August 15, 2019
Introduction

- **UM-CERN REU program (NSF-support):**
  - Profs Homer Neal and Jean Krisch have run this program from 2001 to 2013 with the help of an on-site coordinator (Jeremy Herr or Steven Goldfarb)
  - 274 students enrolled in the 18 years of program
  - Profs Emanuel Gull and Junjie Zhu started to run the program from 2013 to 2016
  - Profs Myron Campbell and Junjie Zhu started to run the program since 2017 together with Steven and Jennifer/Alexis
  - 15 excellent students selected each year out of over 200 applicants

- **HST program (NSF-support):** running at CERN for three-weeks, 5 teachers each year and overall 71 US physics teachers enrolled in the period of 2006-2019
UM-CERN REU program

- Website: https://www.um-cern-reu.org
- Please help us advertise the program to your friends and fellow students and we need to have excellent students like you
Need to send us the evaluation form and also two essays that describe cultural and research experience before your departure

Remember to return the things you borrowed (lab keys, computers and other equipment)

Pay your hostel fee

NSF wants us to send some pictures with students working on projects, if you have some high-quality pictures, please send to us!

We have your permission to post some of your pictures and your names on our REU website

If you have your university or local news about your REU experience/awards received, please let us know and we would like to link such news on our website

Also if you have any suggestions about the website (preparations before arrival, transportation/local information about CERN etc, Q&A) please let us know

Let us know if you need recommendation letters later for your graduate school application, better to get letters from your supervisors

We also encourage you to apply to UM graduate school

We hope you had a nice summer at the world’s premier particle laboratory

Have a nice journey back to US and let us stay in touch!
Department of Physics at Michigan

- Website: [http://www.lsa.umich.edu/physics/](http://www.lsa.umich.edu/physics/) (~55 active faculty members)
- Research areas: cosmology/astrophysics, AMO, biophysics, nuclear/elementary particle physics, condensed matter and complex system, applied physics
- Strong particle physics and astrophysics program (ATLAS, K0TO, LZ, MicroBOONE, PHENIX, SeaQuest, DES, DESI, LIGO, Theoretical Physics)
- 5 out of 7 Nobel prizes associated with UM physics worked on particle physics: invented the bubble chamber, discovered charm quark and tau lepton, proved EWK theory is renormalizable, and initiated QCD theory)
- Largest university group in US working on ATLAS