

# S.U. DEPARTMENT OF PHYSICS

## Teaching Assistant Training & Graduate Exams

### Fall 2018

(There are two examinations given in August. All new graduate students must take the comprehensive exam. You may choose to attempt the qualifying examination – email [phyadmin@syr.edu](mailto:phyadmin@syr.edu) if you would like to take it. Second year students take the qualifying examination. Both examinations have two parts: one on Saturday, one on Sunday.)

**Saturday, August 18 & Sunday, August 19** **202/204 Physics Building**  
**9:00 a.m. – 12:00 noon** **Qualifying Exam (Paul Souder, Liviu Movileanu, Jack Laiho)**

**Saturday, August 18 & Sunday, August 19: ALL INCOMING STUDENTS, 202/204 Physics Building**  
**2:00 p.m. – 4:00 p.m.** **Comprehensive Exam (Matthew Rudolph)**  
**Part I – Saturday; Part II - Sunday**

#### Monday, August 20

*\*All new grad students are encouraged to attend the welcome breakfast and GSO presentation*

*\*All new TAs are required to attend the teaching panels & practical TA intros*

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|--------------------------------|--|---------------------------------|
| <b>8:30 a.m. – 10:00 a.m.</b>  | <b>Annual Pancake Breakfast</b><br>All graduate students, faculty, and staff are invited. Please come and meet our new graduate students in a fun, relaxed atmosphere. Plenty of good food too!<br>[Breakfast served 8:30am-9:30am]  | <b>202-204 Physics Building</b> |
| <b>10:00 a.m. – 10:30 a.m.</b> | <b>All Graduate Students</b><br>Graduate Student Organization meeting and elections.<br>Presentation by SU wide GSO.<br><i>S. Bassler &amp; GSO Representative</i><br><b>** GSO confirmed 6.25.18, need dept rep still!</b>  | <b>202 Physics Building</b>     |
| <b>10:30 a.m. – 11:10 a.m.</b> | <b>Panel Discussion with Physics faculty on Teaching</b><br><i>Joey Paulsen, Walter Freeman, Matthew LaHaye</i>  | <b>202 PB</b>                   |
| <b>11:15 a.m. – 12 noon</b>    | <b>Panel Discussion with Teaching Assistants</b><br><b>Features of Good TA Work</b><br><i>Abhilash Yallappa-Dombara, Andrew Ballard, Eva Nesbit, Kenny Ratliff</i>   | <b>202 PB</b>                   |
| <b>12:00 – 1:00 p.m.</b>       | <b>Lunch for graduate students</b>   | <b>204 PB</b>                   |
| <b>1:00 – 2:30 p.m</b>         | <b>Practical Introduction to Leading Recitations and Labs</b><br><b>(please choose a session according to your TA assignment)</b><br><br>PHY211 – led by Raghav Jha (rm 202)<br>PHY212 – led by Zack Schrecengost rm 204<br>PHY101 – led by Gabriele Rigo (rm 110)<br>PHY221/222 – led by Eva Nesbit (rm B113)<br>AST101 – led by Scott Bassler (Holden Observatory classroom) |                                 |

## Tuesday, August 21

*\*All new grad students are encouraged to attend the library event and research overviews*

10:00 -11:00 a.m.	<b>Introduction to Library Resources</b> Syracuse University Librarian, Emily Hart	202 PB
11:00 – 11:45 a.m.	<b>Remarks by Academic Coordinator: Clinic, Registration, etc.</b>  <i>Melissa Wike, Yudaisy Salomon Sargenton</i> <ul style="list-style-type: none"><li>• Clinic + TA/teaching rules and absence policy***</li><li>• Academic planning and registration info</li><li>• Adventure Course info</li><li>• Desk/Office/mailbox assignments!</li></ul>	202 PB
12:00 noon – 1:00 p.m.	<b>Lunch for new graduate students</b>	204 PB
1:00 p.m. – 2:30 p.m.	<b>Research Overviews by Physics Faculty (Poster Session)</b> * = Presenters	202 PB

Gravitational Wave Astronomy – Ballmer, Brown\*, Saulson

High Energy Experiment – Artuso, Blusk, Rudolph, Skwarnicki, Stone\*

Theoretical Cosmology & Elementary Particle Physics

– Catterall, Hubisz, Laiho, Rosenzweig, Watson\*

Biological Physics – Mivileanu\* (student presenter Avi Thakur\*)

Soft Matter Physics – Bowick, Manning\*, Marchetti, Middleton, Paulsen, Schwarz

Condensed Matter Experiment – LaHaye, Plourde\*, Schiff

Neutrinos – Soderberg\*, Whittington

Experimental Astrophysics – Vidali (student presenters Frank Toriello\* & S.M. Emtiaz\*)

Medium Energy Physics – Souder

*\*\*Enjoy the rest of your day!\*\**

## **Wednesday, August 22 – Encouraged for ALL new graduate students**

***\*All new graduate students are required to attend the Chemical Hygiene Training***

**9:00 a.m. – 12:00 noon**      **Chemical Hygiene Training**      **132 Lyman Hall**  
**Required** – for **all** new graduate students, staff, faculty, adjuncts and others who have not yet participated in this training.  
*Confirmed ALL SET as of 5/18/18*

***\*\*Enjoy the rest of your day!\*\****

## **Thursday, August 23**

***\*Academic Advising is required for all new Graduate Students***

***\*All new graduate students are encouraged to attend the Adventure course event***

**8:30 a.m.-12:30 p.m.**      **Adventure Course + Team Building**      **600 Skytop Road, South Campus**  
Matthew Rudolph, Joseph Paulsen, Jack Laiho, Yudaisy Salomon Sargentón, Melissa Wike, Olivia Mulloy, graduate students

**12:30 p.m. – 1:15 p.m.**      **Lunch at ropes course**

**3:30 p.m.**      **Academic Advising**      **202 PB**  
Required - for all **new graduate students**, whether you have previously received academic advising or not. An overview of our academic program will be provided & the results of your comprehensive exam will be distributed. Presented by the Director of Graduate Studies, Prof. Mitchell Soderberg.

***\*\*All new graduate students are encouraged to arrange their own advising meetings with their personal academic advisors on this Thursday morning after the presentation by Prof. Soderberg, or on Friday before registering for classes. \*\****