



## 2016-2017 Annual Student Evaluation and Mentoring Plan

### Status Bar

Approval Status: **Pending UGS**

Previous Approver Comments:

### Instructions

This annual evaluation form has been approved and forwarded to you for your review and approval. Please open the sections below to see the student's, Major Professor's and/or Graduate Program Director's evaluation and comments. If you agree with this evaluation, please click on the 'Approve' button at the bottom in Section 7. Otherwise, you may return the form to the student's Major Professor with your specific comments. (Note: Returning this form will restart the approval process.)

Questions regarding the Annual Evaluation should be directed to the University Graduate School via email at [UGS@fiu.edu](mailto:UGS@fiu.edu) or by phone at 305-348-2455.

### Section 1 - Doctoral Student Information

Panther ID: 3510203

Name: Yero, Carlos

Email: [czero002@fiu.edu](mailto:czero002@fiu.edu)

Academic Plan: PHY:PHD Total Graduate Credits Completed: 57.00

Academic Program: Arts, Sciences & Education Cumulative Graduate GPA: 3.84

Entry Term into Doctoral: Fall Term 2014

Major Professor's Name: Werner Boeglin Major Professor's Department: Physics/CASCI

Major Professor's Email: [boeglinw@fiu.edu](mailto:boeglinw@fiu.edu)

### Committee Members - only for Students with a D1 committee form Approved

☒ Check box to confirm that the committee members below are correct. (If NOT correct, you must update your committee with UGS first before completing the annual evaluation. To update your committee, please submit a completed D1R ([Form's Page](#)) form to UGS.)

Committee Member Name	Department
Werner Boeglin	Physics/CASE
Misak Sargsian	Physics/CASE
Joerg Reinhold	Physics/CASE
Brian Raue	Physics/CASE
Steven Hudson	Math and Stats Sciences/CASE

### Student Status

Enrolled: Full-Time

### Planned Coursework (e.g. SPN5000) for Academic Year 2017-18

Date or expected date for: **Approved** **Anticipated**

Approved dissertation committee (D1 Form): Fall Term 2015

Advancement to candidacy: Summer Term 2017 ▼

Research Proposal Approval: Summer Term 2017 ▼

Dissertation Defense: Fall Term 2020 ▼

Personalize   Find   View All	First 1 of 1 Last
<b>Course ID</b>	
1 PHY7981	

### Financial Support

Your financial support during this evaluation period (check all that apply for 2016-2017)

- |  |  |
|--|--|
| <input type="checkbox"/> DYF, DEA or Presidential Fellowship | <input type="checkbox"/> Personal Resources  |
| <input type="checkbox"/> McNair or McKnight Fellowship       | <input type="checkbox"/> Financial Aid   |
| <input type="checkbox"/> Teaching or Graduate Assistantship  | <input type="checkbox"/> Bank Loans  |
| <input checked="" type="checkbox"/> Research Assistantship   | <input type="checkbox"/> Employee Waiver   |
|  | <input checked="" type="checkbox"/> Other: <input type="text" value="NRC FELLOWSHIP"/> |

### Scholarship and Professional Development for 2016-2017

External fellowships (Provide title, agency and submission date) for 2016-2017

External fellowships				Personalize   Find   View All	First 1 of 1 Last
	Title	Agency Name	Resume Submitted Date		
1	View Title	FIU Department of Chemistry and Bio	11/06/2016		

Presentations				Personalize   Find   View All	First 1 of 1 Last
	Author	Title	Meeting Date	Location Description	

1	View Author	View Title	01/21/2017	Jefferson Lab, CEBAF Center	+ -
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Publications
Personalize | Find | View All | 
First 1 of 1 Last

	Author	Title	Journal	Number of Pages	Submission Date
1	Enter Author	Enter Title			

**Awards/Honors/Service:**

**Career/Internships/Professional Development Activities:**

## Section 2 - Goals and Accomplishments

List your major accomplishments for the evaluation period of 2016-2017 **REQUIRED**

- Set up High Momentum Spectrometer (HMS) and Super HMS single arm electronic triggers
- Set up summing electronics for HMS/SHMS Calorimeter and Cherenkov detectors
- Calibrate the HMS/SHMS Drift Chambers

Identify performance goals you would like to achieve prior to your next evaluation **REQUIRED**

- Obtain preliminary results on D(e,e'p)n cross section

Identify specific goals/topics you would like to discuss during your evaluation **REQUIRED**

- Specific date in which the D(e,e'p)n experiment will run this Fall 2017
- Other calibrations to be done this Summer Term, such as Time-Of-Flight calibration

## Section 3 - Performance Summary and Future Goals

**Student's Performance Summary and Recommendations.**  
**Section to be completed by Major Professor\***

- Successfully developed software for drift chamber time alignment
- Became familiar with the Hall C online analysis software and is able to analyze online data files, an important basis for future work
- Successfully applied for a NRC graduate student fellowship.

Identify goals for student to achieve during the next evaluation period. Goals should be SMART (Specific, Measurable, Agreed-upon, Results-focused and Timed)

- Be able to carry out time of flight optimizations within a spectrometers detector package and between spectrometers.
- Complete initial Monte-Carlo calculations of the SHMS and HMS acceptances and radiative corrections necessary to quickly extract cross sections from the new data expected to be taken in Fall/Winter 2017

**\* Note: For students who do not have an approved D-1 form on file with UGS, only the graduate program director's or designated advisor's evaluation and signature are required.**

## Section 4 - Evaluation of Core Competencies

	Consistently Exceeds Expectations (5)	Occasionally Exceeds Expectations (4)	Meets Expectations (3)	**Occasionally Does Not Meet Expectations (2)	**Consistently Does Not Meet Expectations (1)	N/A
Please check one box per competency						
Knowledge	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accountability	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Productivity	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Critical Thinking	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Writing Ability	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communication	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Other: <div style="border: 1px solid #ccc; width: 80px; height: 15px; display: inline-block;"></div>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

**\*\*Needs Student Performance Improvement Plan (If student falls into "Occasionally does not meet expectations" or "consistently does not meet expectations" for any of the core competencies, please complete Section 6)**

## Section 5 - Student Comments and Sign-off

Section to be completed by Student after evaluation has been completed by the Major Professor and the annual meeting was held with the dissertation committee.

Please enter the date your evaluation meeting took place: 04/07/2017

- ☒ Check box to confirm that you have reviewed this evaluation and have met with your Major Professor and committee to review your evaluation with you. (If you have not established your Major Professor and dissertation committee, the Graduate Program Director serves as a substitute.)

After checking box, click on the "Submit" button below to forward your evaluation to the next level of approval.

## Section 6 - Student Performance Improvement Plan

## Section 7 - Approval Section

Comments:

Groupbox

\*Please be advised that anytime the form is returned to either the Student, Major Professor, Graduate Program Director, or College Dean, the form will require all initial sign-offs.

Questions regarding the Annual Evaluation should be directed to the University Graduate School  
Please email [UGS@fiu.edu](mailto:UGS@fiu.edu) or call 305-348-2455.

## AEF Form Approval

