

## Ramona: Support Summary

Below is a table summarizing my support, consisting of 8 TA semesters (2.67 years) and 12 RA semesters (4 years). I will apply to the FIU Dissertation Year Fellowship during the Summer of 2014; if selected to receive the fellowship, it would provide support for the Fall of 2014 and Spring of 2015.

YEAR 1		YEAR 2		YEAR 3	
TA	Fall 2008	TA	Fall 2009, NSTX Diag	RA	Fall 2010, NSTX Diag
TA	Spring 2009	TA	Spring 2010	RA	Spring 2011, NSTX Diag
TA	Summer 2009, NSTX Diag	RA	Summer 2010, NSTX Diag	RA	Summer 2011, NSTX Diag
YEAR 4		YEAR 5		YEAR 6	
RA	Fall 2011, NSTX Diag	RA	Fall 2012, MAST Diag	RA	Fall 2013, MAST Diag
RA	Spring 2012, MAST Diag	RA	Spring 2013, MAST Diag	TA	Spring 2014, MAST Diag
RA	Summer 2012, MAST Diag	RA	Summer 2013, MAST Diag	RA	Summer 2014, MAST Diag
YEAR 7					
TA	Fall 2014, MAST Diag, NSTX-U Diag?				
TA	Spring 2015, MAST Diag, NSTX-U Diag?				

## Ramona: Project Summary

Below is a table summarizing my involvement in FEPP (FIU Experimental Plasma Physics) research projects until I graduate. This does not take into consideration the possibility of a fellowship for my last two semesters.

TIME	PROJECT SUMMARIES
2.34 yrs	NSTX: 1.67 full time yrs (5 RA semesters), 0.67 part time yrs (2 TA semesters)
3.33 yrs	MAST: 2.33 full time yrs (7 RA semesters), 1 part time yrs (3 TA semesters)
yrs?	NSTX-U: ?

## Ramona: Graduation Milestones

YEAR 1		
Research	Summer 2009	NSTX diagnostic programming
Teaching	Fall 2008	Teaching requirement fulfilled (1 semester minimum)
YEAR 2		
Exams	Summer 2010	Passed Modern Qualifying Exam
Research	Fall 2009 Summer 2010	NSTX diagnostic programming, bench testing NSTX diagnostic design
YEAR 3		
Exams	Summer 2011	Passed Classical Qualifying Exam
Research	Fall 2010 Spring 2011  Summer 2011	NSTX diagnostic design NSTX diagnostic design (successful Preliminary Design Review and Final Design Review) NSTX diagnostic fabrication
YEAR 4		
Coursework	Fall 2011	Coursework requirements fulfilled
Forms	Summer 2012	D1 Approved
Research	Fall 2011 Spring 2012 Summer 2012	NSTX diagnostic finish fabrication MAST diagnostic preparations and testing MAST diagnostic design (successful Mechanical Design Review)
YEAR 5		
Dissertation	Fall 2012	Written proposal and oral defense of proposal
Forms	Fall 2012 Spring 2013	D2 approved, D3 approved Annual Student Evaluation
Research	Fall 2012 Spring 2013 Summer 2013	MAST diagnostic design and fabrication MAST diagnostic testing and fabrication MAST diagnostic installation and data collection (successful Electrical Design Review)
YEAR 6		
Coursework	Fall 2013	Minimum PhD Dissertation Credits Fulfilled
Dissertation	Spring 2014 Summer 2014	Begin sections of written dissertation draft Continue sections of written dissertation draft
Forms	Spring 2014	Annual Student Evaluation
Research	Fall 2013  Spring 2014 Summer 2014	MAST diagnostic data collection and data analysis Plasma physics conference 1 Work with theoretical modeling data (comparison to experimental data) Major push for systematic processing of raw MAST diagnostic data Plasma physics conference 2, invited conference proceeding
YEAR 7		
Dissertation	Fall 2014  Spring 2015	Complete written dissertation draft Begin dissertation draft corrections/ further development with advisor feedback Written dissertation (next to final) draft approved no later than 03/07/15 Oral defense of dissertation announcement no later than 03/07/15 Oral defense of dissertation completed no later than 03/28/15
Forms	Spring 2015	Dissertation committee and advisor give <i>final</i> approval for dissertation no later than 04/10/15 Submit final ETD no later than 04/18/15
Research	Fall 2014  Spring 2015	Work on creating particle emission profiles Collaborative data analysis with other MAST instruments Complete discussions and conclusions from data analysis Check that work is documented, organized, and standard operating procedures are in order to facilitate a smooth transition for the future research