

**HASP 2016  
UNF-UND Payload  
OSPA (Ozone Sensors Payload and its Applications)**

**Monthly Status Report for April 2016**

**UNF Team**

**Faculty Advisor:**

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**UND Team**

**Faculty Advisor:**

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**UNF-UND Students Team:**

	<b>Name</b>	<b>Gender</b>	<b>Ethnicity</b>	<b>Race</b>	<b>Status</b>	<b>Disability</b>
<b>University of North Florida Students Team</b>						
1	Brittany Nassau Cell: 904-495-1765 Brittany.Nassau@gmail.com	Female	Non-Hispanic	Caucasian/White	UG-Electrical	No
2	Ken Emanuel Cell: 904-614-2117 kennecom@gmail.com	Male	Non-Hispanic	Caucasian/White	UG-Electrical	No
3	Joseph Thomas Silas Cell: 904-520-1605 Cruiser_9482@yahoo.com	Male	Non-Hispanic	Caucasian/White	UG-Mechanical	No
4	Matthew Linekin Cell: 904-631-8575 N00601480@ospreys.unf.edu	Male	Non-Hispanic	Caucasian/White	UG-Mechanical	No
5	Jesse Lard Cell: 850-348-3510 jesselard@gmail.com	Male	Non-Hispanic	Caucasian/White	UG-Physics	No
6	Chris Farkas Cell: 904-413-6047 N00965140@ospreys.unf.edu	Male	Non-Hispanic	Caucasian/White	UG-Electrical	No
<b>University of North Dakota Student</b>						
1	Chris Follette christopher.follette@my.und.edu	Male	Non-Hispanic	Caucasian/White	G-Space Studies	No

**UNF-UND Teams did the following work during April 2016:**

- (i) Chris has started the design and fabrication of payload body (Fig.1). The payload body has same design as the last year.



Fig. 1 Chris is working on fabrication of the payload body.

- (ii) Jesse and Chris are on working on the deposition of ITO thin films and fabrication of ozone sensors using high vacuum system under supervision of Dr. Patel (Fig. 2).



Fig. 2 Chris is working on deposition of thin film using a high vacuum system.

- (iii) Jesse is also learning the operation of scanning electron microscope from Dr. Patel. He will make do the surface morphology study of gas sensors films.
- (iv) Since last two weeks, students are busy with their final examination. They will continue their HASP payload work from the next week.