

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

Monthly Status Report for May 2016

UNF Team

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UND Team

Faculty Advisor:

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UNF-UND Students Team:

	Name	Gender	Ethnicity	Race	Status	Disability
University of North Florida Students Team						
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	Jesse Lard Cell: 850-348-3510 jesselard@gmail.com	Male	Non-Hispanic	Caucasian/White	UG-Physics	No
4	Chris Farkas Cell: 904-413-6047 N00965140@ospreys.unf.edu	Male	Non-Hispanic	Caucasian/White	UG-Electrical	No
University of North Dakota Student						
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 May 2016:

- (1) Work during May was slow down due to the break between spring and summer semesters. The progress is going on as per the planed schedule.
- (2) The fabrication of payload body and sensor boxes is almost complete. Chris is working over it and giving the final touch. He is also working on the circuit board and software. Ken Emanuel is helping him.
- (3) The fabrication of thin film gas sensors, testing and calibration of the two batches sensors is going on. Jesse made two different types of thin films sensors for detection of ozone gas. These sensors were made by Jesse to learn how to fabricate, test and calibrate. He will made the final version of sensors during June 2016. He is also taking training on the electron microscope and EDAX rom Dr. Patel for study of structural and chemical properties of thin films.