

## Program Schedule

**Opening Remarks: 9:00 AM – 9:10 AM**

Dr. Stacia Haynie

The Executive Vice President & Provost,  
Louisiana State University.

### List of Presenters and Time

s/n	Time	Name [Advisor]	Degree Sought	Topic
<b>Outstanding RA Competition</b>				
1	9:10 – 9:30	<a href="#">Oluwakemi Adio</a> [Dr. Laura Ikuma]	PhD	Frequent ed use and the emerging mobile integrated health (mih) program: a mixed-methods study of community paramedics' perception
2	9:30 – 9:50	<a href="#">Sepideh Kavousi</a> [Dr. Dorel Moldovan]	PhD	Atomistically informed phase field simulation of solidification in Ni-Ti alloy
3	9:50 – 10:10	<a href="#">Tairan Liu</a> [Dr. Marcio de Queiroz]	PhD	Directed formation control of planar agents with distance and area constraints
<b>Break for Outstanding RA Vote (10:10 – 10:20)</b>				
<b>Presentation – Morning Session (10:20 – 12:00)</b>				
4	10:20 – 10:40	<a href="#">Ardalan Chaichi</a> Dr. Manas R. Gartia	PhD	Improvement of tribological and biocompatibility properties of orthopedic materials using piezoelectric direct discharge plasma surface modification
5	10:40 – 11:00	<a href="#">Edison Chukwuemeka</a> [Dr. Tryfon Charalampopoulos]	PhD	Effects of oxidant mass flow rate on pollutants produced from an inverse diffusion flame
6	11:00 – 11:20	<a href="#">Md Imdadul Islam</a> [Dr. Fengyuan Lu]	PhD	Solid state synthesis of barium apatite by high-energy ball milling process
7	11:20 – 11:40	<a href="#">Congyuan Zeng</a> [Dr. Shengmin Guo]	PhD	Thermal and Mechanical Property of Cu-10Sn Alloy Prepared by laser powder bed fusion Additive Manufacturing.
8	11:40 – 12:00	<a href="#">Syed Mohammad Abid</a> [Dr. Manas R. Gartia]	PhD	Detecting DNA Methylation Using Surface-Enhanced Raman Spectroscopy
Lunch Break (12:00 – 13:30)				
Presentation – Afternoon Session (13:30 – 16:30 )				
9	13:30 – 13:50	<a href="#">S. Navid Roohani</a> [Dr. Ingmar Schoegl]	PhD	Effects of dilution and pressure on combustion characteristics within externally heated microchannels
10	13:50 – 14:10	<a href="#">Yong Zhang</a> [Dr. Wanjun Wang]	PhD	3D printed centrifugal microfluidic platform for solid-phase-extraction and fluorescent detection of spilled oil in water

11	14:30 – 14:50	<a href="#">Ali Hemmasian Ettefagh</a>  [Dr. Shengmin Guo]	PhD	Corrosion behavior of Additively Manufactured Ti-6Al-4V parts and the effect of post annealing
12	14:50 – 15:10	<a href="#">Jianwei Lai</a>  [Dr. Ying Wang]	MSc.	Hydrated ammonium vanadate nanobelts cathode constructed for high-performance rechargeable aqueous zinc ion battery
13	15:10 – 15:30	<a href="#">Tatiana T. S. Mello</a>  [Dr. Marcio de Queiroz]	MSc.	Maximizing and modeling malonyl-coa production in e. Coli
14	15:30 – 15:50	<a href="#">David Hoskins</a>  [Dr. Genevieve Palardy]	MSc.	An investigation of high-speed consolidation of carbon fiber – epoxy composites through ultrasonic welding
15	15:50 – 16:10	<a href="#">David Akinpelu</a>  [Dr. Ingmar Schoegl]	MSc.	Numerical Investigation of Ignition Characteristics of Selected Fuel Blends in a Micro Reactor
16	16:10 – 16:30	<a href="#">Victor Fernandez-Kim</a>  [Dr. Marcio De-Queiroz]	MSc.	A Low-cost experimental testbed for multi-agent system coordination control
<b>Light Refreshments (16:30 – 17:00)</b>				
	17:00 – 17:30	Award Presentation		
	17:30 – 17:45	Closing Remark		