

**Indiana Space Grant Consortium
Greater Midwest Regional Meeting
October 7, 2016**



INSGC
INDIANA SPACE GRANT CONSORTIUM



**Space Grant is about Collaborations,
Connecting, Bridging, Building, Co-Producing,
Assisting, Opportunities, Partnerships, Working
Together, Joining Forces and being One!**



Discussion...

- Indianapolis Symphony Orchestra
- Near Space Launch-University of Southern Indiana
- Indiana State University and Bat Outreach
- Indiana Space Grant-Pre-K STEAM Academy
- Internship Jose Rivas
- State Representative and Near Space Launch
- Vincennes Community College-UE Options
- Outreach Affiliate Science Central and INCCP Intern



Indianapolis Symphony Orchestra



1. Jan and Feb 2016-ISO (6 evenings) presentation of ISO Cosmos Event
2. INSGC and collaboration with ISO for STEM opportunities
3. Provided array of artifacts, displays, speaker, telescopes, hands on experiences
4. Over 8,000 people in attendance
5. 1700 in attendance were students and 600 new accounts to database, all with INSGC visibility



NSL and USI

1. Near Space Launch-Upland, In and University Southern Indiana Evansville, IN 250 miles apart
2. Multidisciplinary student team to develop, build and fly a 2U CubeSat
3. October 10, 2016 Student Team and NSL will bridge together
4. October 22, 2016 CubeSat proto-type items will fly on USI Balloon Launch





ISU and Bat Outreach

1. The Indiana State University and Bat Outreach with the Inspire Academy in Muncie, IN
2. Team Players and INSGC Fellowship Awardees, Scott Bergeson and Caroline Byrne
3. ISU and Inspire Academy 5 month study on Indiana Bats with 3rd graders from the Academy
4. Produced video original lyrics and choreography to deliver facts about bats

[\(What does the Indiana bat say?\)](#) by the 3rd Grade Crew at Inspire Academy





INSGC and Pre-K STEAM Academy

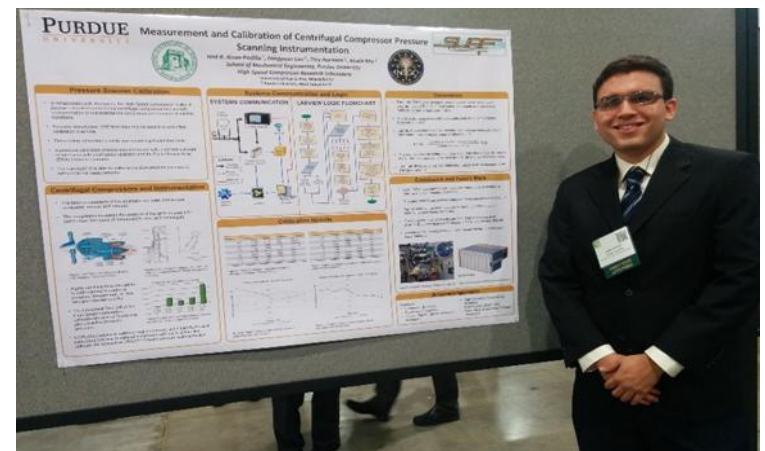
1. Indiana Space Grant and myself, joining forces
2. Incorporate STEM into Summer Camp, Before/After School Program
3. Bridging STEM into Daycare
4. Enthusiasm by teachers for STEM to vision a STEAM Academy
5. Pre-K STEAM Academy opened August 15th in Lafayette, 5th in the nation





Internship Jose Rivas

1. Collaboration with Puerto Rico Space Grant and INSGC
2. SURF Summer Research
3. SACNAS conference in Maryland
4. Building partners with Stanford University and Penn State University
5. Seminars and opportunities
6. Poster presentation





State Representative and NSL

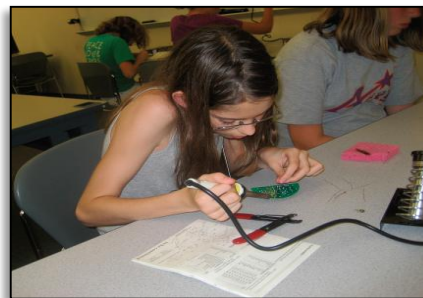
1. Yearly State Representative Meetings
2. 5th District Susan Brooks
3. Connecting Careers to Classrooms
4. Joining forces with Near Space Launch
5. Provide counselors, teachers and administrators with access to industry leaders





Vincennes CC and UE Options

1. Bridging Vincennes Community College and Evansville University Options Program
2. OPTIONS is a summer STEM Experience for Girls helping girls overcome cultural stereotypes, careers in STEM
3. Residential experience for HS and Middle School Girls
4. Team Building and Confidence Building,
5. Introduction to career options existing in the field of Engineering and Computer Science





Science Central and Community College Summer Intern



1. Science Central building a partnership with Ivy Tech Community College
2. Providing Summer Internships to bring opportunities to Community College students.
3. Community College students are obtaining skilled training, responsibility, assist in new exhibit design and in presenting scientific data to visitors.



MECCANO

