

Onslow County Schools
Northside High School
NHS Advanced Applied S.T.E.M. Academy Tower

Advisory Board Meeting Minutes

Tuesday, February 2, 2016 (January's Meeting)
 Room 904 (KCobb), 3:30-4:30pm



AGENDA ITEM	MEETING ACCOMPLISHMENTS
<p>Welcome, Housekeeping & Meeting Overview</p>	<p>Mrs. Kari Cobb, <i>Advanced Applied STEM Academy Tower Director and Coordinator</i>, welcomed everyone with an emailed eMeeting and invited everyone to participate in the Google Form. Those in attendance and whom participated include:</p> <ul style="list-style-type: none"> ➤ AASAT Student Ambassadors: Christian Jolman and Eli Krause ➤ AASAT Academic Team: Kathy LaPointe, Jeff Cobb, Jared Brown, Kadie Ondrus and Nicole Martin ➤ AASAT Advisory Board: Joey Carter (MSA), Michelle Chadwick (OCS AIG), Ross Friebe (OCS DLT), Nancy King (parent), John Shannon (OCS CTE), Nadia Lewis (OCS COL) and Derrick White (NSBE Jr.). <p>The Face-to-Face Meeting began with an approval of the agenda and desired outcomes.</p>
<p>Continued Business And DATA</p>	<p>Minutes were reviewed from December 23, 2015's eMeeting.</p> <p>Motion Made: Joey Carter Motion Seconded: Derrick White Motion to accept minutes as written passed.</p> <p>Attendance Expectations for eMeetings were discussed. Summary - Participation is needed.</p>

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<p>Advanced Applied STEM Academy Tower Recruitment, Engagement, and Marketing</p>	<p>Evaluation of current offerings were reviewed:</p> <ol style="list-style-type: none"> 1. Tower Week (November 16-20, 2015) 2. CTE Showcase (March 22, 2016) 3. JCMS/NBMS 8th Grade and Parent Meetings (TBA) 4. NEW STEM Night! (January 28, 2016) <p>Opportunities for community advocacy were reviewed:</p> <ol style="list-style-type: none"> 1. Partner with JCE and JCMS to judge/assist with Science and Engineering Fair 2. Annual Science and Engineering Fair 3. STEM Buddies with JCE and/or JCMS 4. NEW STEM Lab next door at JCMS 5. NEW Private/Charter Schools Informational Meetings (TBA) 6. NEW Website – NorthsideIsSTEM.weebly.com
<p>Advanced Applied STEM Academy Tower Goals</p>	<p>Update of Goals and dates of completion of Northside High School's Advanced Applied S.T.E.M. Academy were reviewed:</p> <ol style="list-style-type: none"> 1. NC STEM Recognition Program – Submitted February 1, 2016 2. NCAC Model Academy
<p>Needs of the community....how can the AA STEM Academy meet those needs?</p>	<ul style="list-style-type: none"> • (November) Mr. Derrick White suggested that our AASAT students offer engineering skills by working on real-world projects for the community. <ul style="list-style-type: none"> ○ Energy Efficiency Initiative for OCS – have emailed • <i>Any other Suggestions?</i> <ul style="list-style-type: none"> ○ Advisory Board suggested contacting City of Jacksonville, Chamber of Commerce, Trades Day (upcoming), Sturgeon City, CCCC Field Trip, etc.
<p>Expectations..... <i>What would the partner agree to do within the academy, i.e. guest speakers,</i></p>	<ul style="list-style-type: none"> • Professional Panel Discussions during Power Hour (like Engineers) • Teaching Economics as it relates to Engineering; justification of budgeting <ul style="list-style-type: none"> ○ More specifically, Hank King suggested teaching Return on Investment.

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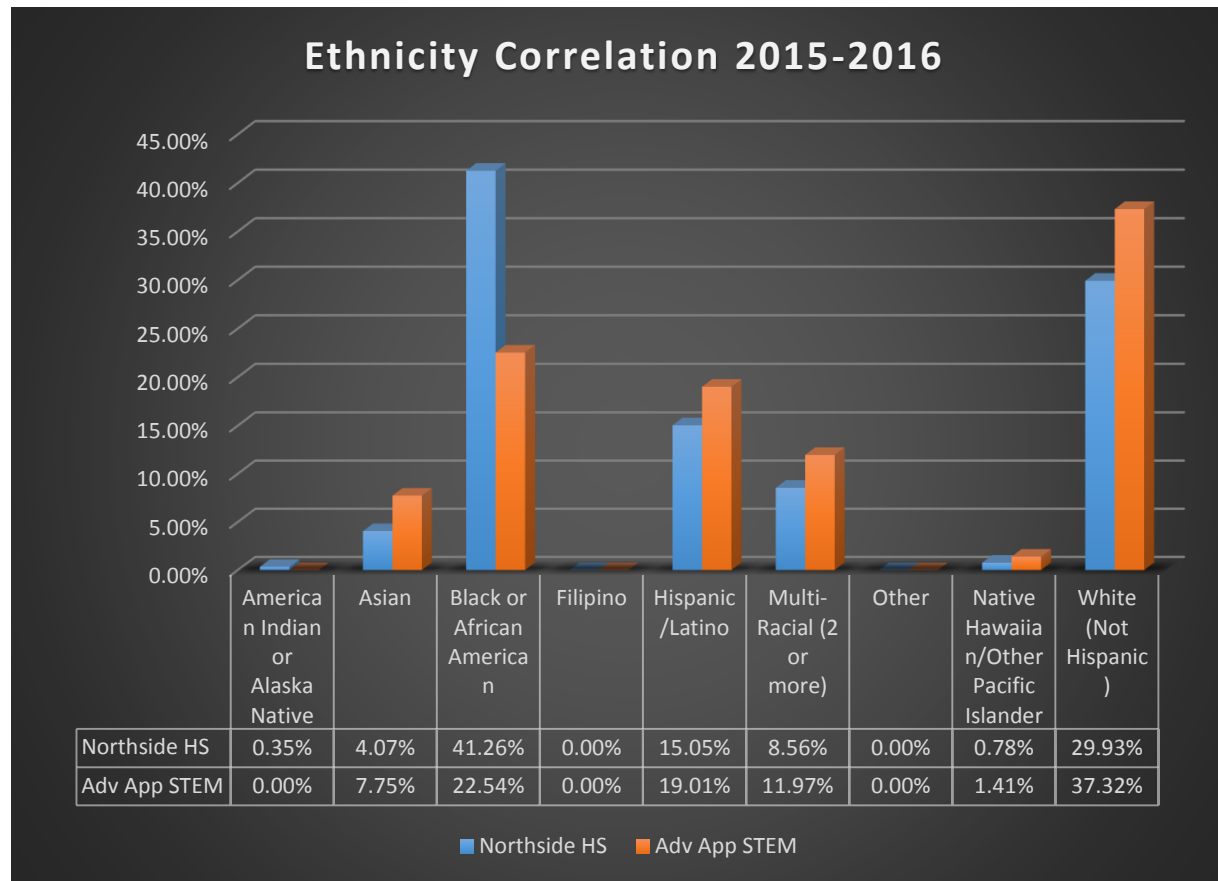


<p><i>shadowing experiences, mentoring, internships for students, and externships for teachers? Where would the partner feel most comfortable helping?</i></p> <p>Comments/Questions</p>	<ul style="list-style-type: none"> • Recruitment-Is it genetics or does the curriculum influence students? (Board interested in seeing Academy Demographics; see below) • Dual Enrollment with CCCC for Drafting Courses to assist with Drafting facility constraints. Mr. John Shannon is due to meet with CCCC, December 10, 2015, and will update Board at January's meeting. • Incorporating Army Education Outreach Program – National Recognition <p>These are a few of the items listed by members in our discussion.</p>
<p>What will we need to cover at our next meeting?</p>	<p>Review Data emailed to Advisory Board with February 23, 2016's eMeeting.</p>
<p>Next Steps</p>	<ul style="list-style-type: none"> • PBIS Rollout, February 12, 2016 • STEM Buddies Training, February 17-18, 2016 • Engineering Week, February 22-26, 2016 <ul style="list-style-type: none"> ○ Guest Engineer, February 24, 2016 • Visit (Paxton Patterson) from School District in Texas, February 25, 2016 • Guest Speaker, Dave Hettinger, UTI, February 25, 2016
<p>Next Meeting</p>	<p>Members agreed to meet electronically, February 23, 2016</p>
<p>Questions needing to be answered before next meeting...</p>	

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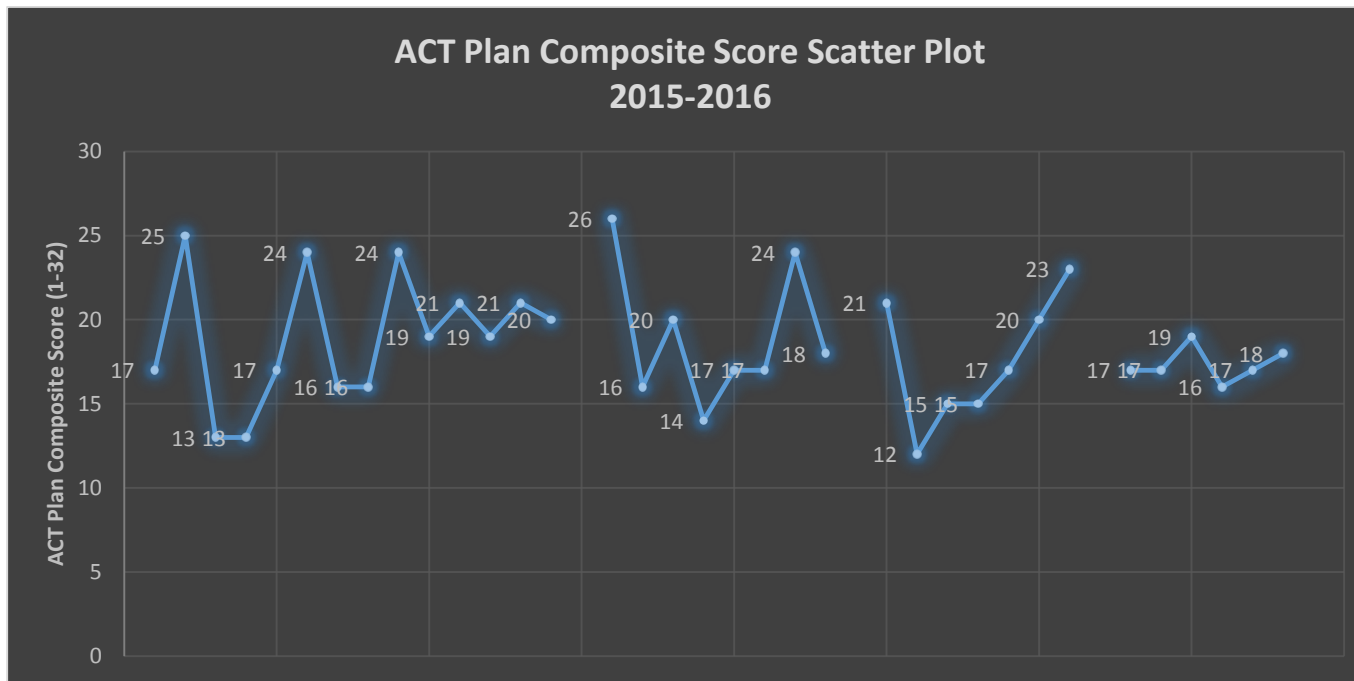


While our Academy is low in some and high in other ethnic areas, we are pleased at the fact that our Academy's demographics closely correlate with the overall demographics of Northside High School. Our Academic Team will continue along with the Advisory Board's guidance to recruit and engage those ethnic groups in which we are most lacking.

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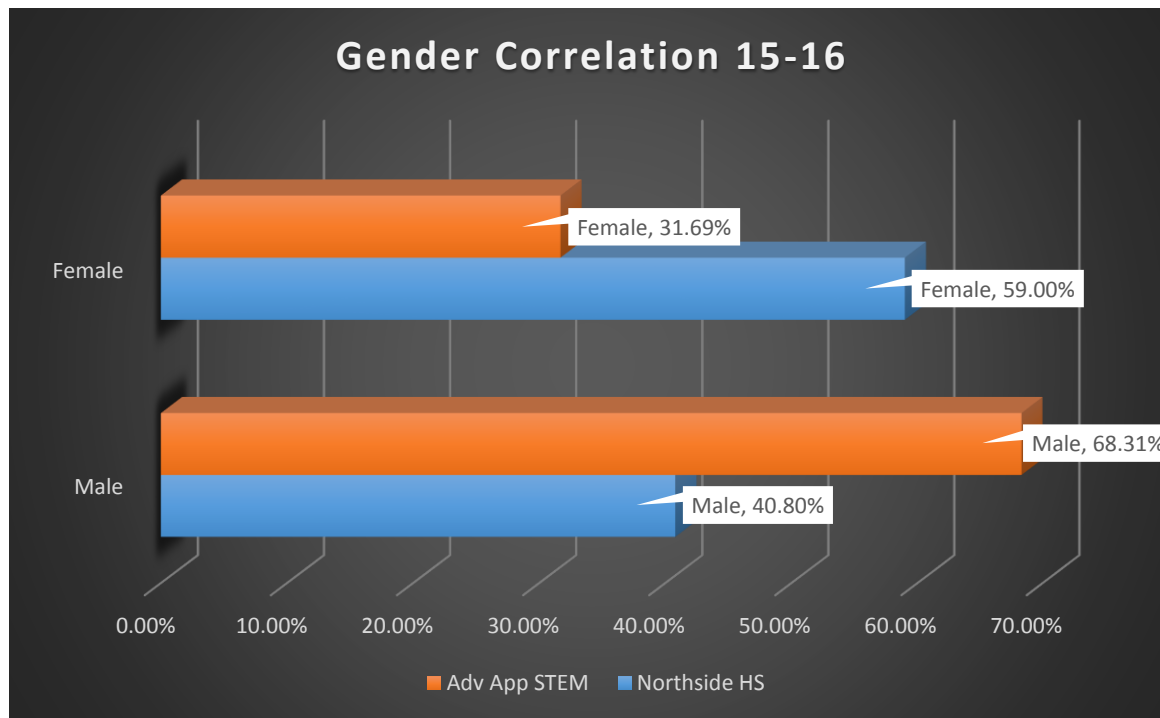


One of the concerns of our Advisory Board was that our Academy was preferentially targeting those students already destined for academic success. To demonstrate that our Academy attracts and accepts a variety of students, as also witnessed from the demographic comparison chart on page 3, the PLAN test scores are displayed above. The PLAN is a preliminary ACT test that is generally administered in the sophomore year. ACT, Inc. claims that it predicts success on the ACT. It is viewed as the ACT's equivalent of the PSAT. **The PLAN® Test** includes four multiple-choice tests: English, Math, Reading, and Science with scores ranging from 0 to 32. The chart above demonstrates that our current sophomores are a great mixture of intelligence to include academia experience. This will prove beneficial as our students learn to collaborate and learn from and with each other throughout this program.

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While our Academy is low regarding our female population, we are pleased at the fact that our Academy's gender demographics are still better than that of our nation, which is currently 13%. Our Academic Team will continue along with the Advisory Board's guidance to recruit and engage those ethnic females in which we are most lacking. -*National Science Foundation, 2015*