

Silver Jackets Meeting

Tuesday January 9, 2018

Georgia Tech Student Center, Room 343

Minutes

Members Attending (33) Kathy Tomajko (Library), Ron Bohlander (GTRI), John Balsam (GTRI), Janis Goddard (OSP), Ed Rondeau (Real Estate Dev), Earl Cagle (Purchasing), Mary Duncan (Development), Jo Freeman (Laser Dynamics), Rex Pulford (OIT), Ian Gatland (Physics), Pat Davis (COS), Roger Rupnow (Arch, City Pl), Robert Green (Management), Kimsey Pollard (IEN).

Business Meeting

Kathy Tomajko, President, called the meeting to order, introduced the Officers, and had SJ members introduce themselves. She then presented a Certificate of Appreciation to Ron Bohlander for his outstanding service as 2017 Silver Jackets' president.

Program

Kathy Tomajko introduced our first speaker, Tamara Pearson from the Center for Education Integrating Science, Mathematics, and Computing (CEISMC) (Tamara.Pearson@Ceismc.gatech.edu). CEISMC works with pre-college STEM students, and its goals include the following:

Goal 1: Inspiring STEM Enrichment and Outreach for Students such as hosting the Science Olympiad.

Goal 2: Intensive Professional Development for STEM Educators. 1000 educators are impacted annually.

Goal 3: Local and Sustainable Community Partnerships with over 200 schools and working in the schools.

Goal 4: Innovative STEM Education such as the AMP-IT-UP program, part of a \$7.5 million NSF program.

Goal 5: Crucial Research and Impactful Evaluation of STEM Education.

Goal 6: Dynamic Opportunities for Georgia Tech Community Engagement. Create opportunities for GT students and staff to engage and serve the PreK-12 community.

CEISMC received funding of \$9.1 million in FY 2016 with 88% from non-state sources.

Our second speaker was Leigh McCook, Director of the Georgia Tech Research Institute STEM Program (Leigh.McCook@gtri.gatech.edu). STEM@ GTRI's purpose is to inspire, engage, and impact Georgia Educators and students by providing experts in the STEM fields. The program is funded by the State and NSF and provides technical assistance and professional development, working with campus partners – in particular CEISMC.

Key outreach includes:

Summer 2018 Internships for high school students -- GTRI will place up to 30 paid interns in different labs across campus.

Project ENGAGES (Engaging New Generations at Georgia Tech through Engineering & Science) is a high school science education program.

2017 Tomahawk Tosser Program – In collaboration with the Atlanta Braves, metro middle school teachers and students used STEAM to create the Tomahawk Tosser.

2017 National SeaPerch Challenge – SeaPerch is an innovative underwater robotics program that equips teachers and students with resources they need to build an Underwater Remotely Operated Vehicle (ROV).

Teacher Professional Development includes the **Explorers' Guild** (providing monthly workshops and a summer workshop for K-12 educators) and the **Educator Showcase** (that highlights how local educators are integrating technology into teaching).

Announcements

John Balsam, Vice President, provided following announcement:

February 13, 2018: A speaker from AMAC/CATEA (Alternative Media Access Center / Center for Assisstive Technology and Environmental Access) will discuss the work they do.

April 10, 2018: President Bud Peterson will be our speaker.

Respectfully submitted,
Janis Goddard
Secretary