**Main Contact Employer and Title:** Chap Research - CEO

**Title of Proposed Presentation:** Chap Research: A Framework for Innovation

**What track, or theme, best fits your proposal? \***

Technical (designing, programming, building, etc.)

Non-Technical (team management, fundraising, mentor/coach resources, etc.)

Alumni (college preparation, internships, scholarships, careers, etc.)

Other: innovation

**Provide a description of your presentation. \* (344/350)**

Rachel Gardner, 16 year-old CEO and founder of Chap Research will tell how a small group of students developed and patented the Chap Remote. She will also touch upon the lessons learned while expanding the product into an innovation program, as well as why this kind of development is both a worthy and attainable goal at the high school level.

**How will participants benefit from this session? \* (348/350)**

Participants will learn the interesting story of Chap Research and how it has established a framework for high school students to both teach and learn a variety of real world skills not even covered in FIRST. Learning from the mistakes and successes involved, attendees will gain knowledge and insight they can apply within their own teams/schools.

**Provide a general outline of the content you plan to cover in your presentation. \***

Background information – what is Chap Research

Brief history – development of the Chap Remote, patent application, founding of Chap Research

Lessons learned – impact of program, mistakes, how to do it better given another opportunity

Future – plans for the future, motivate teams/schools to create their own innovation groups

**Please list previous public speaking experience.**

Chairman’s presentation at a regional and championship level (and for the local school board)

Pitch training (speaking about the robotics team in front of 30 mentors and students)

Presentations at local FIRST conferences (roughly 20 people)