

MN FIRST LEGO League 2006/7 State Award Winners

We at INSciTE strongly believe in creating an environment to give people of all ages the tools they need to become leaders. Mahatma Gandhi once said "You must be the change you want to see in the world". We want to honor people who have taken that advice to heart and ARE making a change in this world. To that end, INScite has created a Leadership Hall of Fame for MN FLL.

INSciTE Special Volunteer Award

Special Leadership in Training Volunteer Award	
Comments	These two gentlemen have developed and delivered, both in person, and online, extremely high quality training material for INSciTE. Their training material is literally used by people all over the world and has been translated into several languages. And year in and year out, they are also great judges.
Award Winner	Dean Hystad and Doug Frevert

Leadership in Coaching Award

This award is given to someone who has shown extraordinary leader in the coaching ranks. Someone who has had great influence on their team members, on other coaches, and on their community.

Leadership in Coaching Award	
Comments	This winner has been a long time school coach, bringing as many as 4 teams every year, down from Duluth, to participate in tournaments in the Twin Cities. He has done a lot to build a growing community of FLL in Duluth.
Award Winner	Timothy Churchill, Ordean Middle School, Duluth

Local Leadership Award

Across MN there are some communities that embrace FLL with a fervor. Usually there is a local leader making this community come alive.

Local Leadership Award	
Comments	This winner personifies what we mean by local leader. He has worked to develop teams throughout the Elk River area, he has found funding for them, he does training, and even does after season competitions "just for fun".
Award Winner	Steve Vrchota of Elk River

Leadership in Officiating Award

This award is given to someone who has shown significant and long term leadership in officiating MN FLL events.

Leadership in Officiating Award	
Comments	Being a referee, especially a head referee, requires a calm and steady demeanor. Someone you can always count on to be early to make sure everything is set up, a referee and official since the pilot event, this Shackleton shows the same determination as the polar explorer.
Award Winner	John Shackleton

Competition Leadership Award

This award is given to a person who has shown long term commitment to organizing and running FLL tournaments.

Leadership in Competition Award	
Comments	This long time tournament director is also a calm and steady person behind the scenes. Always willing to help other tournaments and keeping our Sanford tournament going year after year.
Award Winner	Daphne Immele

INSciTE Leadership Award

This award is given to someone who has been a vital part of overall MN FLL operations. Usually this will be a key, behind the scenes person.

INSciTE Leadership Award	
Comments	INSciTE only works because of the huge amount of work put in by key volunteers. This year's winner has long been a key contributor, helping out in many different areas, in addition to coaching and officiating. She is currently INSciTE treasurer, a demanding job.
Award Winner	Carol Marple

Team Scholarship:

The Team Scholarship is a new award for INSciTE. The judges are looking for a team in whom FLL has ignited a spark of interest in science and technology and whose team would be greatly impacted by a science camp or workshop. The winning team will get a 12 hour Lego Robotics workshop from the wizard teachers at Leonardo's Basement.

<ask finalists to stand as you announce them>

Team Scholarship Award – Division I	
Finalists	3737 - Seward School – “Nanoboyz” 4246 - Highland Elementary School – “Apple Valley Blockbusters” 5123 - Sanford Middle School – “Doodle People”
Winner	4246 - Highland Elementary School – “Apple Valley Blockbusters”

Team Scholarship Award – Division II	
Finalists	12 - Windom Open School – “Golden Nanos” 2318 - La Crescent Middle School – “The Robotic Lancers” 2577 - Field Middle – “School Nanokatz” 5124 – Sanford Middle School – “Little Angels”
Winner	5124 – Sanford Middle School – “Little Angels”

Young Mentor Award:

The Young Mentor award is presented to the outstanding young mentor of a Lego League team. The award is open to students 18 and under. Judges are looking for evidence of an effective mentoring "style", skills in transmitting and fostering cognitive social and social skills, and emotional growth and support. The winner also receives a \$250 college scholarship from INSciTE.

<ask finalists to stand as you announce them>

Young Mentor	
Finalists	<p>Stephen Jacobs Erik Hoeg/Tim Asp Taylor Daily Martha Streng Abiola Abu-Bakr</p>
Winner	<p>Taylor Daily</p>
Quote about winner	<p>We had a incredibly strong list of candidates for this award, making the selection extremely difficult. Among our candidates were</p> <ul style="list-style-type: none"> - A volunteer who was always there, listening and patiently drawing out contributions from all the team members, - A 6th grader who exhibited incredible maturity in encouraging multiple teams, - A talented GEMS mentor who taught the joy of programming to young LEGO enthusiasts, - A pair of eager volunteers who were able to paint a exciting picture of what the competition would be like, and - A natural born mentor who has a gift for connecting with people <p>In the end we had to pick one.</p> <p>The winner of this year's Young Mentor Award is an individual who, without invitation, came forward to "give back" to his old team. Please join me in congratulating Taylor Daily on this year's award. Come on up Taylor.</p> <p>Taylor is being recognized for his dedication, punctuality, leadership and most of all his ability to draw everyone on the team into the design and innovation process. Taylor worked both with the group and 1 on 1 and was praised for his encouraging approach. Taylor learned that the mentor can be an important advocate for both the team and the coaches.</p> <p>Once again please join me in congratulating Taylor Daily.</p>

Research Awards

In addition to building robots, teams are also given a research assignment to help them to understand how science and technology is applied in the real world. This year’s challenge was called Nano Quest. The research challenge summary is as follows: “Explore a current or potential application of nanotechnology, either from the Nano Quest robot missions or from another source. Learn what scientists are facing in improving upon the existing application or making the potential application a reality. Design an improvement for the existing nanotechnology, or choose a potential application that faces a challenge and solve it. Share your findings with your community.”

Research Quality Award

The Research Quality Award is presented to the team that best develops an in-depth and thorough understanding of the Research Challenge. They have the best explanation of the teams' point of view and solution to the Research Challenge.

Division 1		Division 2	
Finalists	4216 - Leonardo's Basement “Microscopic Nano Jedi Pickle Penguins” 520 - Girard Avenue “Otters (D1)” 281 - Heritage Christian Academy “PieceMakers” 4242 - Deerfield Technological Institute “Nanochicks”	Finalists	717 - Chippewa Middle School “shebots” 2983 - MHEA “Nanotonka” 560 - Hopkins Lego League “Bananos” 3197 - Math and Science Academy “Techno Teens”
Winner	281 - Heritage Christian Academy “PieceMakers”	Winner	717 - Chippewa Middle School “shebots”

Research Awards (cont.)

Innovative Solution Award

The Innovative Solution Award is presented to the team that has the most thought provoking and innovative resolution to the research challenge assignment. The judges are not only looking for creative ideas, but an examination of all the issues required to implement the solution.

Division 1		Division 2	
Finalists	3453 - Princeton Zimmerman Area “FLL Bot Crushers” 4498 - Burroughs “Exploding Gecko Nano Ninjas” 2515 - Highland Park Elementary “Robustos” 281 - Heritage Christian Academy “PieceMakers”	Finalists	853 - Monticello Neighborhood “The Replicators” 2983 - MHEA “Nanotonka” 521 - Girard Avenue “Otters (D2)”
Winner	281 - Heritage Christian Academy “PieceMakers”	Winner	853 - Monticello Neighborhood “The Replicators”

Research Awards (cont.)

Creative Presentation Award

The Creative Presentation Award is presented to the team with the most imaginative and creative presentation demonstrating the teams' research and solution to the Research Challenge Assignment.

Division 1		Division 2	
Finalists	2510 - Meadowbrook Elementary "Golden Valley Huskies" 3448 - Good Shepherd Catholic "GS Nanobytes" 2853 - Al-Amal "NBA - Nano Bots of America" 4215 - Leonardo's Basement "The Unspecified Nanorobots"	Finalists	2660 - Robbinsdale Area Schools "ORGANIZED cHaOS" 327 - Siemsen/Richert Homeschool "BotZealots" 6309 - Instituto Educativo Olinca "ACATL"
Winner	4215 - Leonardo's Basement "The Unspecified Nanorobots"	Winner	2660 - Robbinsdale Area Schools "ORGANIZED cHaOS"

Team Work Award

The teamwork award is presented to the team that best exemplifies the meaning of teamwork. Teamwork is the key to a successful team but very hard to do. It's important to recognize teams that do it well. Teamwork is judged by judges in the presentation area and by judges that observe the team in action in other areas.

Division 1		Division 2	
Finalists	4215 - Leonardo's Basement "The Unspecified Nanorobots" 4499 - Burroughs "Atom Smashers" 1591 - St. Peter Recreation "The Lab Rats" 2510 - Meadowbrook Elementary "Golden Valley Huskies"	Finalists	241 - South View Middle School "Robothouse" 560 - Hopkins Lego League "Bananos" 2571 - Benilde St. Margaret's "Knano Knights"
Winner	4499 - Burroughs "Atom Smashers"	Winner	241 - South View Middle School "Robothouse"

Robot Performance Award

The Robot performance awards are presented to the top 3 teams in the head to head rounds. These teams survived the tough competition in these afternoon matches and came out on top.

Division 1		Division 2	
3rd Place	2815 – Glen Lake “Tonka Bots” Score: 352	3rd Place	3197 - Math and Science Academy “Techno Teens” Score: 308
2nd Place	1591 - St. Peter Recreation “The Lab Rats” Score: 162	2nd Place	241 - South View Middle School “Robothouse” Score: 358
1st Place	2554 - Meadowbrook Elementary “Lego Loonies” Score: 283	1st Place	327 - Siemsen/Richert Homeschool “BotZealots” Score: 400 (perfect)

Team Spirit Award

The Team Spirit award is presented to the team best demonstrating extraordinary enthusiasm and spirit both within their own team and in their support and encouragement of fellow teams. The Team Spirit award is selected by the referees who observe the spirit shown by all teams in the performance arena, cheering on their teams and robots.

Division 1		Division 2	
Winner	5470 - Seward Montessori "D.N.A.B.B.P.Z."	Winner	1167 - Wayzata east Middle School "Nano Bricks"

Sportsmanship Award

The Sportsmanship Award is presented the teams best showing good sportsmanship. Good sportsmanship occurs when teammates, opponents, coaches, and officials treat each other with respect. This may be for a specific incident or an overall attitude of great sportsmanship.

Div 1		Div 2	
Winner	2443 - Oak Hills Elementary "Fish in the Boat"	Winner	6309 - Olinca "ACATL"
Reason	They brought to the referees attention an error made by the referees in scoring that resulted in a lower score for themselves by 50 points.	Reason	Great sportsmanship and ambassadorship in representing their school and country.

Technical Awards

The technical awards, for design and programming, are judged in the Technical Judging area.

Design Award

The Design Award is presented to the team whose understanding and application of sound mechanical principles produces the most solid, predictable, and dependable design.

Division 1		Division 2	
Finalists	1893 - St. Croix Catholic School "Nano Knights" 520 - Girard Avenue "Otters (D1)" 556 - Holy Name of Jesus Wayzata "AH HA" 4215 - Leonardo's Basement "The Unspecified Nanorobots"	Finalists	327 - Siemsen/Richert Homeschool "BotZealots" 1167 - Wayzata East Middle School "Nano Bricks" 560 - Hopkins Lego League "Bananos"
Winner	556 - Holy Name of Jesus Wayzata "AH HA"	Winner	327 - Siemsen/Richert Homeschool "BotZealots"

Technical Awards (cont.)

Innovative Design Award

The Innovative Design Award is presented the team that best demonstrates its ability to use a creative design, component or unique strategy of play when solving the Challenge missions.

Division 1		Division 2	
Finalists	1591- St. Peter Recreation “The Lab Rats” 520 - Girard Avenue “Otters (D1)” 3051 - Island Lake Elementary “Neo Nano Squids” 4215 - Leonardo's Basement “The Unspecified Nanorobots”	Finalists	2983 - MHEA “Nanotonka” 853 - Monticello Neighborhood “The Replicators” 560 - Hopkins Lego League “Bananos”
Winner	520 - Girard Avenue “Otters (D1)”	Winner	853 - Monticello Neighborhood “The Replicators”

Technical Awards (cont.)

Programming Award

The Programming Award is presented to the team best demonstrating an in-depth understanding of sound programming principles. The programs written by the teams will enable the robot to consistently complete complex tasks. Programming robots is a notoriously difficult problem and this award recognizes teams that excelled at this task.

Division 1		Division 2	
Finalists	1893 - St. Croix Catholic School “Nano Knights” 2443 - Oak Hills Elementary “Fish in the Boat” 1591 - St. Peter Recreation “The Lab Rats” 2540 - Monticello Neighborhood “Dangerous Nano Architects”	Finalists	327 - Siemsen/Richert Homeschool “BotZealots” 3197 - Math and Science Academy “Techno Teens” 560 - Hopkins Lego League “Bananos”
Winner	1893 - St. Croix Catholic School “Nano Knights”	Winner	327 - Siemsen/Richert Homeschool “BotZealots”

Judges' Award

The Judges award is a free-form award selected by the judges to recognize significant team accomplishments that may not fit other categories. Four judges awards are given.

Winners		Reason	
Winner	2443 - Oak Hills Elementary "Fish in the Boat"	Reason	Overall extremely strong performance in every category, no other major awards for such a high finish.
Winner	1591 - St. Peter Recreation "The Lab Rats"	Reason	Strong community involvement, broad team participation and an active outreach to the community.
Winner	2540 - Monticello Neighborhood "Dangerous Nano Architects"	Reason	Very good showing despite loss of half of team members for today's events.
Winner	2571 - Benilde St. Margaret's "Knano Knights"	Reason	Outstanding performance in exchange program in representing Minnesota in Mexico City as well as hosting the Mexico City team here in Minnesota.

Pre-Champion's Award Announcements

Before we announce the Champion's award winners, I have a couple of brief statements.

Coaches don't forget your packets.

A Few Words about Next year's challenge

How do our personal energy choices to do things like heat our homes, fuel our cars, charge our cell phones, power our computers, or even download music to our IPODS impact the environment, economy, and life around the globe? Which resources should we use and why? Explore how energy creation and consumption choices affect the planet and our quality of life today, tomorrow, and for generations to come. Can FIRST LEGO League teams find the ultimate solution to this global Power Puzzle?

Next year's FLL Challenge is called: POWER PUZZLE

Alternative Energy Resources - Meeting the Global Demand

Natalie Tiedemann Scholarship

The Natalie Tiedemann scholarship is presented annually to the MN FLL Division 2 Champion's Award winning team. Natalie passed away June 3, 2005 at the age of eight and a scholarship fund was created to allow other kids to pursue their dreams in her memory.

Natalie's scholarship will go towards the Director's award winning team's participation in the FLL World Festival. This annual scholarship will be in the amount of \$500 per team member, up to a maximum of \$3000 per team. The World Festival is held annually in conjunction with the FIRST High School Robotics competition in April, and about 70 FLL teams from around the world participate. It is an unforgettable event for the participants.

Thanks to everyone who has generously donated to this scholarship fund. INSciTE will keep the Natalie Tiedemann Scholarship fund permanently active and will continue to accept donations so we can ensure the longevity of this fund and of Natalie's memory.

The Champion's Award

The Champions Award is the Grand Championship; presented to the team that best combines performance in the competitive aspects of FLL, and representation of the true meaning of FLL in its enthusiasm and inspiration to others. The Division 2 Winner will represent MN at the FLL World Festival in Atlanta in April.

Division 1		Division 2	
Finalists	4215 - Leonardo's Basement "The Unspecified Nanorobots" 2443 - Oak Hills Elementary "Fish in the Boat" 1591 - St. Peter Recreation "The Lab Rats" 1893 - St. Croix Catholic School "Nano Knights"	Finalists	560 - Hopkins Lego League "Bananos" 327 - Siemsen/Richert Homeschool "BotZealots" 241 - South View Middle School "Robothouse" 2660 - Robbinsdale Area Schools "ORGANIZED cHaOS"
Winner	4215 - Leonardo's Basement "The Unspecified Nanorobots"	Winner	560 - Hopkins Lego League "Bananos"