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#### **All Rookie Meet and Greet**

**Who's Invited**: All 2007 Rookie Teams!! (and any veterans that want to meet this year's great rookie teams!)

When: Thursday, April 12, 12:30pm (following webhug)

Where: Lawn under the photo banner in the Courtyard

**What's Happening**: Fun Introduction Game, Distribution of Great Rookie packets with tons of information on Atlanta & your upcoming years, Meet & Greet other Rookie Teams! Find out what it took for them to get to Atlanta! **Bonuses!!:** Free Prizes for Rookies!! Group Photo of all Rookie Teams (emailed to you!!), Rookie Summary Booklet - get some great info on all the Rookies at Championships!

# Rah Cha Cha Ruckus III (RCCR 2007)



Going to be in the Rochester Area around Halloween? Don't know what to do with your Rack and Roll 'bot? How about joining the off-season party? Not only do you get to compete in a competition put together by a great committee, but you also get to have a great time! You can even come in costume, so can your robot!

Check out: <u>http://www.ruckus.penfieldrobotics.com/</u> for more information.

This information was gathered and organized by Team 1511, Rolling Thunder, from USFIRST.org, Chief Delphi Forums, Team Websites and local news reports. Care has been taken to be as accurate as possible. Since all of our summaries are intended to be positive, it is hard to go wrong. However, if we did, we humbly apologize!

> www.penfieldrobotics.com 4/2007

# Team 1511 Presents Meet the Rookies of 2007!

During the 2007 competitive season, 261 rookie teams participated in 37 Regional Competitions (including a pilot in Brazil). All of the 261 Rookie Teams are winners, and we applaud their efforts and their accomplishments!

But, not all Rookie Teams can make it to the FIRST Championship... We hope you will agree that the 42 Rookie Teams competing this week in Atlanta represent the "Best of the Best"! To help you get to know them we have prepared this overview of each of the Rookie Teams.

### These teams:

Competed at 49 Regional competitions

Received 36 Rookie All Star Awards

2 Rookie Inspiration Awards

13 Highest Rookie Seeds

They also picked up awards for imagery, creativity, technology, website, and innovation in control. Wow!

#### These teams:

Were alliance partners in 28 quarterfinal rounds, (sometimes as captains) With 17 making it to the semi-finals,

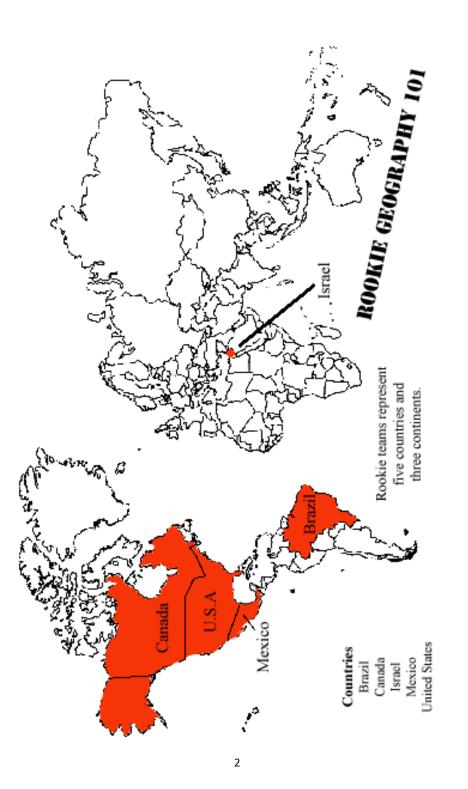
10 moving on to the finals, and 8 teams were Regional Champions!

They have met all the challenges, some with surprising ease and some with great grit and determination. They have done Dean's Homework, formed partnerships with their schools, mentors, and communities and learned the meaning of Gracious Professionalism.

They have come to regional competitions with robots that performed, strategies that worked, spirit that shined, unique imagery, awesome technology and savvy well beyond their rookie year. We are awed by their achievements! Welcome to the FIRST Championship!

Thanks to all the teams for welcoming the rookies, sharing ideas, tools, and expertise to make sure that they had a great first year. Thanks for picking them up when they fell, treating them gently when they were bruised and considering them as equals in competition! You make great role models!

From rookie team and veteran team alike, thanks to our schools and our communities and most of all our sponsors for their support and financial backing. We thank our teachers, advisors, and parents for teaching, advising, and giving us the opportunity to let us test our wings. We thank our mentors for giving up all of their free time to guide us, design with us, build with us, push us, and inspire us. Rookies – we expect great things from you! And we know you will continue to amaze us in the years to come! Let's Rack and Roll!



#### • Northern Domination!

One rookie year, two regionals, two gold metals! With an unsurpassed 2007 rookie record, Team 2056, the OP Patriotics won both Canadian Regionals and finished as the top seed at the Greater Toronto Regional. You can see the team in action on the Galileo field!

## • Give me an F, give me an I, give me an R-S-T!

Two rookie teams are so well supported by their schools that the HS Cheerleaders came and cheered at their regionals. Both the Cougar Techs, Team 2228, and Falcon Robotics, Team 2029, were given that spirit boost at their local regionals. Many veteran teams could only hope for that kind of support and recognition!

# • Representing! (a Whole State Or Country)

Representing Mexico is Team 2283, Pantaras. They are not taking this role lightly, and have a goal to spread FIRST in Mexico to help prepare teenagers for the future. To do this they held a press conference that included national media. Alone in representing the 50<sup>th</sup> state is Team 2024, Kekoa O'Ha'aheo. This team can legitimately wear Hawaiian print shirts. With the support of the Governor, Linda Lingle, they have arrived in Atlanta. Hawaii is also going to host its own regional next year! Buenos Dias and Aloha!

## • The Most Popular Name is...

For the second year in a row, the most popular Atlanta Bound rookie team name is Robocat! Adding to the Robocat tradition is Team 2137 from Oxford, Michigan, and (according to their website) Team 2161 from Huntington Station, NY. At their regional Team 2261 was identified as the Whitman Wildcats. Will they break from the Robocat tradition?

# Missing the Action

In addition to the amazing rookies at the Championships, three other rookie teams qualified, but were unable to be here to compete. We wanted to take a moment to recognize the Rookie All Star winning Team 2159, from San Leandro, CA, USA; the Brazil Pilot Regional winner Team 2243, Fundação Bradesco who also won the Daimler Chrysler Team Spirit Award; and Engineering Inspiration Award Winner, Team 2244, Free Access Evolution, from Brazil who also won the Industrial Safety Award.

1983 "Skunkworks"	Newton	7	2180 "Zero Gravity"	Archimedes
Society of Professional Engineering Employees in Aerospace/Aerospace	Futures Alliance/M.J.		NASA / Sun Chemical Corporation / Reliable Plastics / Computer Vision Tech	hnology, Inc / Anchor
Murdock Charitable Trust/AHS PTSA & Aviation High School, Seattle, WA, USA			Appliance / Special Technical Services & Hamilton High School East- Steinert, Hamilton, NJ, US,	
Las Vegas Regional: Regional Winner, Rookie All Star; Pacific Northwest Regional: Imagery			New Jersey Regional: Highest Rookie Seed	
With homage to a Lockheed Martin high-tech areospace group of the same has already defined their image with white and black shirts and a skunk may they are one of the few teams that uses the slot to feed ringers to their rol	ascot. A team of 20,		Competing in both FRC and FVC here in Atlanta after winning the FVC Inspiri Gravity's robot "Ares," the Greek God of War, did amazing at their regional b sportsmanship in leading the cheers for their cross-town rival that touched the	out it was their
1985 "Robohawks"	Newton		2182 "Slidell Robotics -Tyborgs"	Newton
NASA / Emerson / DRS / UGS & Hazelwood Central High School, Florissant, MO, USA			NASA / Chalmette Refining & Slidell High School & St. Tammany Parish Publ	lic Schools, Slidell, LA
St. Louis Regional: Rookie All Star; Boilermaker: Delphi "Driving Tomo	prrow's Technology"		USA Device Decisionale Decisio All Steve Likeheat Decisio Social	
The Robohawks have a highly attractive website which includes a link to an			Bayou Regional: Rookie All Star, Highest Rookie Seed	
Award winning ramp. The team started off their rookie year by forming th good success in the FVC Challenge.	ree VEX teams with		With a techno-battle ready version of their school's tiger mascot, the "Tyborg defensive, double ramp bot is an ideal machine and is ready to play, living up "Resistance is Futile!" And watch out for the ringer scoring human player!	gs" lower row scoring p to the motto,
1991 "Dragons"	Galileo		2194 "Fondy Fire"	Newton
NASA / University of Hartford / Hartford Public Schools / Integralis & Uni			Mercury Marine/NASA/Brenner Tank & Moraine Park Technical College, Fo	ond du Lac, WI, USA
Science and Engineering & American School for the Deaf, Hartf			Wisconsin Regional: Regional Winner, Imagery	
BAE SYSTEMS Granite State Regional: Rookie All Star, Highest	"Fondy Fire" is a three-school team who made their city take			
A collaboration of two unique schools in Connecticut, The Dragon had a las regional with the silent (sign language) applause. Their website includes a the team development and robot build through the thoughts of the robot,	unique description of		rivals in a spirit of cooperation rather than competition. Forming an alliance Team 2169 and 537, the robot, "Inferno," and the team became regional wir team is shapping the future through Fondy Heat Junior Robotics.	
1997 "Team STAG"	Archimedes		2217 "FOMH"	Newton
Ewing Marion Kauffman Foundation & Bishop Miege High School, Roe	land Park, KS, USA		Kiryat Motzkin High School, Kiryat Motzkin, Northern, Isra	ael
Greater Kansas City Regional: Regional Winner	Kansas City Regional: Regional Winner GM/Technion Israel Regional: Rookie All Star, Rockwell Automation Innovat		ovation in Control	
Kansas City regional winner with teams 1775 and 935. Their preseason activities included of the largest technology sc		FOMH (First Ort Motzkin Hamlet) did Dean's Homework, in Hebrew of course of the largest technology schools in Israel, they have formed Channel 2217 t their region through video clips and innovative shows.		
2010 "Champion High Lightning Bots"	Curie		2228 "Cougar Tech"	Galileo
Delphi Corporation/NASA & Champion High School, Warren,	OH, USA		Alstom / Senator Volker / Icuiti / n-tara / Southco / Kirkwood Oil / Crossbu Cheryl Kelley / Smidgens & Honeoye Falls, Honeoye Falls, N	
Pittsburgh Regional: Rookie All Star; Buckeye: Highest Roo	Star; Buckeye: Highest Rookie Seed Finger Lakes Regional: Rookie All Star, Highest Rookie Seed		-	
The newest Delphi sponsored team, the Champion High School Lightning E a name for themselves. With a focus on safety they have introduced their				
addition to two rookie awards the team has received a "coolest mascot" av			This radioactive team cut their teeth at the "Rah Cha Cha Ruckus" in the pre-season. Already a large team of 40 students, "Cougar Tech" took advantage of a t-shirt printing snafu to expand their sea of black and yellow into an ocean. Go quick and trade for a cool robotic pen!	
2016 "Mu Mu Psi" "Mighty Monkey Wrenches"	Newton		2234 "EA Robotics"	Archimedes
Johnson & Johnson Consumer Products Worldwide / NASA / Janssen Pah Financial / Alpha Automation & Ewing High School, Ewing,			The Edmar Abrasive Company / RADCorp / Internet Capital Group / North American Machine Works & The Episcopal Academy, Merion, PA, USA	
New Jersey Regional: Rookie All Star	New Jersey Regional: Rookie All Star Chesapeake Regional: R		Chesapeake Regional: Rookie All Star, Highest Rookie Se	eed
robot made its debut at its sponsor's with mentor Team 75, is capable of scoring rings as well as			Paying attention to the details of the competition, this small team borrowed a robot for two off- season events before building their ramp-bot, "Lenny the Robot," which saw semi-final action. With a multi-media website, they have convinced their school to recognize robotics as a sport!	
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2054 "Viking Robotics"	Curie		2081 "Icarus"	Archimedes	
Williams Tooling & Hopkins High School, Hopkins, MI, USA			NASA/Advanced Technology Services & Peoria Notre Dame H	gh School, Peoria, IL, USA	
West Michigan Regional: Rookie All Star			Boilermaker Regional: Rookie All Star		
Showing "Brains, Ingenuity and Guts," the robot, BIG Blue from Viking Robotics made a BIG impression on the veteran teams at its regional. The team stood out for their optimism during the competition.			"Icarus" started their year with mentor-led engineering classes follo They are mentoring five FLL teams and have a great website. Rec plant to see a demo of the fully automated SUV.		
2056 "OP Patriotics"	Galileo		2083 "Team BLITZ"	Newton	
Edson Packaging Machinery/RMT Robotics/CNC Woodcraft & HWDSB & Orchar School, Stoney Creek, ON, Canada	d Park Secondary		NASA / Sanders Sound Systems & Team BLITZ Home School & Co USA	nifer High School, Conifer, CO,	
Waterloo Regional: Rookie All Star, Regional Winner, Highest Rookie Seed; C Regional: Regional Winner, Highest Rookie Seed	Greater Toronto		Colorado Regional: Rookie All Star, Regiona		
With an off-season start at "Winter Wonderland," the OP Patriotics have achieve motto - Nos Metiamur "We measure up". The winning robot has a tube grippin			Team Blitz can showcase the impact of FLL as its founding member motto to "Brainstorm, Build, Believe and Be the Future," they are c are building a network for the Colorado 285 Corridor Communities.	ompeting in FVC and FRC and	
2062 °C.O.R.E."	Archimedes		2100 "Masters of M.E.T.A.L.	" Curie	
NASA/GE Volunteers & School District of Waukesha, Waukesha, WI	, USA		C&L Technologies / Ross Mixing, Inc. / Ed's Painting and Pape Centennial High School, Port St. Lucie, Fl		
Wisconsin Regional: Rookie All Star		Florida Regional: Rookie All Star, Highest Rookie Seed			
The students of CORE (Community of Robotics Engineers) come from three diverses considered cross-town rivals. They had to work as one team to build their robot defensive robot with easy to climb scissor-lift ramps.			The Masters of Metal or M <sup>2</sup> have a website that shows the collabor design class and robotics team. It includes a history timeline of rol well at their regional.		
2067 "Apple Pi"	Curie		2108 "Team Awkward Turtle"	Newton	
NASA & Guilford High School, Guilford, CT, USA			NASA / Qimonda / GSK / GE / ASME & Green Hope High	School, Cary, NC, USA	
UTC Connecticut Regional: Rookie All Star			NASA / VCU Regional: Regional Winner, Rookie	/CU Regional: Regional Winner, Rookie Inspiration	
After having a great time at "Bash on the Beach," Apple Pi used VEX to prototyp and held a pit crew team building exercise in November. As a unique fund raise offering team personalized USB drives from a link on their website.			Fear the Turtle! This is very difficult to do with the adorable logo of "Zippy T. Turtle" should be feared, as it is a double lifting ramp bot and won its regional along with teams 540 and 843.		
2068 "OPHS Metal Jackets"	Newton		2119 "W.A.R."	Galileo	
NASA / BAE Systems / Lockheed Martin / Progeny Systems & Osbourn Park High VA, USA	n School, Manssas,		NASA/Southern Engineering Services & Creekview High School & S GA, USA	Sequoyah High School, Canton,	
NASA / VCU Regional: Rookie All Star, Highest Rookie Seed, Website	Award		Peachtree Regional: Rookie All Star, Regional Finalist, H	lighest Rookie Seed	
As defenders of the hive, the "Metal Jackets" worked hard this year to build a rot term program at their school. They are spreading FIRST in their community and students. Watch out for their robot "Stinger," an effective lower row scoring ran	with younger		With students coming from two schools, W.A.R. was excited to be were mentored by Forsyth Alliance, and had a chance to try out the which paid off when they made it into the finals!	a NASA Grant recipient. They air robot at a preship rally	
2079 "ALARM"	Galileo		2134 "Aztecs"	Archimedes	
ALARM Millis High School, Millis, MA, USA			Corona del Sol High School, Tempe, AZ,	USA	
Boston Regional: Rookie All Star			Arizona Regional: Rookie All Star		
As a top -ten tube scorer in Boston, ALARM and their cheesy looking robot, "Jaw	s," finished as the		Members of a Future Engineers Club, the Aztecs gave their robot "	Aztecbot" a stiff PVC arm which	
number two seed at their regional. The robot was built in a team member's gar students learned the ins and outs of their machine. Check out their team display			is controlled by a bicycle wheel. The team has the motto "Strive for works at their regional.	r the Best" and they proved it	
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2137 "Robocats"	Curie		2024 "Kekoa O'Ha'aheo"	Galileo	
NASA / Mich. Dept. of Educ. / Delta Technologies Group & Oxford High	School, Oxford, MI, USA		Caltech Submillimeter Telescope/HELCO & Waiakea High School, Hilo, HI,	USA	
Great Lakes Regional: Rookie All Star			Silicon Valley Regional: Rookie All Star		
Oxford Robotics built at Delta Technology where they learned to use all the tools and machines, building a portable cart in addition to the robot. Used unique fund raisers - chocolate covered food - yum!			Kekoa O'Ha'aheo's team name means Warrior Pride, based on their schools warrior mascot. They have named their robot "Stitch 3," a ringer scoring robot. The Governor's office provided assistance in finding sponsors for the trip to Atlanta. They are the furthest away of the US teams.		
2158 "AusTIN CANS"	Galileo	-	2026 "Senai-RS" Galile	20	
National Instruments & Houston Robotics/University of Texas at Austin Austin, TX, USA	& Anderson High School,		SENAI-RS & SENAI-RS Educacao Professional High School, Porto Alegre, RS	, Brazil	
Lone Star Regional: Rookie All Star			Brazil Pilot: Rookie All Star Brush up on your Portuguese and welcome the Rookie from Brazil. In addition to building their robot, "Tony Faith," they have been starting workshops on using the tools and machines for other team so that they can learn from their experiences.		
The AusTIN CANs hosted a mini-meet prior to ship and have formed FIRSTAustin, a collaboration with UT - Austin to become the catalyst for FIRST in Austin, Texas. With an enthusiastic Tin Man Mascot, and the Tin Man robot, the AusTIN CANs are living up to their motto - One Can at a Time!					
2161 "Robocats"	Archimedes		2029 "Falcon Robotics"	Archimedes	
PM Engineering / Lend America / MSC Industrial Direct Co, Inc. / NAS/	& Walt Whitman High		NASA / Qualcomm / Sony & Sun Valley Charter High School, Ramona, CA,	USA	
School, Huntington Station, NY, USA			Los Angeles Regional: Participant; San Diego Regional: Rookie All Star		
SBPLI Long Island Regional: Rookie All Star, Highest Rookie Seed			With their school competing both in BotBall and FRC, Falcon Robotics has great school support		
The Robocats added to their first year in FRC by competing at FVC and p website sponsors page reads like a credit card commerical, "real life engi priceless".			with other school groups assisting in their fund raising. You'll recognize their very h who is appropriately named "Swiss Cheese."	ole-y robot	
2165 "Big Blue"	Curie		2046 "Tahoma Robotics (TRC)"	Curie	
NASA / Conoco Phillips / ARVEST Bank / Bartlesville Rotary Club / ABB County Technology Center, Bartlesville, OK, US/			NASA & Tahoma Senior High School, Covington, WA, USA		
Greater Kansas City Regional: Rookie All Star, Regional Finalist			Pacific Northwest Regional: Rookie All Star		
"Big Blue" rallied the resources at TriCounty to build its crate, paint the robot and provide			The Tahoma Robotics Club (TRC) has alliance captain experience from their regional. Their robot is capable of scoring in Autonomous Mode. The team was recognized for its effective robot		
marketing support. They hosted a FIRST Media Day which was attended by a State Rep. and a Senator. A top three scorer at Kansas City they consistently placed 4 ringers on the lower rack.			design, professional behavior and student-led team structure.		
2166 "Appleby Robotics (STAR)"	Curie		2047 "Team Challenger"	Newton	
Annonymous / Extrude's-A-Trim / University of Toronto / MDA Robotic ABELSoft Corporation / BeX Spray Nozzles / IMAX Incorporated & Applel Oakville, ON, Canada			Motorola Inc. / Motorola Foundation / After School Matters City of Chicago / NASA / Boys & Girls clubs / Acme Networking & Whitney Young Magnet High School & La School, Chicago, IL, USA		
Greater Toronto Regional: Rookie All Star			Wisconsin Regional: Xerox Creativity; Midwest Regional: Rookie All Star		
The twenty members of Apple by Robotics (STAR) have posted video upo from their regional where their robot "Double Blue Bot," saw quarterfinal performed with excellence and made their mentors proud!			"Team Challenger" has 25 members from five different schools. In the fall they pracengineering skills by building "D" Class Rockets. Their robot, "Lola" - the nickname Lola" has a holonomic drive and can spin and move in any direction.		
2169 "KING TeC"	Galileo			Archimedes	
Prior Lake High School, Savage, MN, USA	Prior Lake High School, Savage, MN, USA BAE Systems & Union-Endicot		BAE Systems & Union-Endicott High School, Endicott, NY, USA		
Wisconsin Regional: Regional Winner	Wisconsin Regional: Regional Winner Philadelphia Regional: Rookie All StarHighest Rookie Seed				
Testing their robot during lunch periods, King TeC perfected their defensive strategy which was tested when they became Captains for the regional winning alliance which included 2194 and 537. Their ramp bot can lift two robots the full 12 inches.			A small but dedicated team, "TigerTronics" has had great success in forming partnerships with their school and mentors. They are hoping to make robotics a permanent club at their high school. Watch for the new Tiger in town.		

2237 "Junkyard Robo's" Galileo
Academy of Careers and Technology/Kevin's Electronics/Precision Electric Inc., Beckley, WV, USA
Pittsburgh Regional: Rookie Insiration; Palmetto Regional: Rookie All Star, Highest Rookie Seed
With members from several schools in their Raleigh, West Virginia county, the "Junkyard Robo's" have won all three Rookie Awards. Their robot the "Junkyard Bot" showed dramatic improvement at their second regional and saw semifinal action.
2252 "Mavericks" Curie
Sierra Lobo, Inc./Work Force Development Council Tech Prep Consortium/Bowling Green State University & EHOVE Career Center, Milan, OH, USA
Buckeye Regional: Rookie All Star
From a school of juniors and seniors only the "Mavericks" have a robot with a clamshell gripper with a pneumatic piston. Their sponsor / mentor, Sierra Lobo ran the machine shop at the Buckeye Regional. During the FIRST off-season, the school also competes in BEST.
2265 "Iron Maidens (Fe <sup>26</sup> )" Newton
Mr. Barry Weinberg & The Bronx High School of Science, Bronx, NY, USA
New York City Regional: Rookie All Star
"Talk Nerdy to Us". The Iron Maidens, an all female team was mentored by several teams as they riveted into a strong team. Along with building "Rosie the Riveted" with its highly visible purple bumpers, the Iron Maidens have been involved in school and community service.
2272 "Metalheads" Galileo
ITT Technical Institue / Haas Automation & Newbury Park High School & Thousand Oaks High School, Thousand Oaks, CA, USA
Los Angeles Regional: Rookie All Star, Highest Rookie Seed
Standing out with their red bandannas and skulls, the "Metalheads" are a two-team school that is all about teamwork. They practiced with VEX and Mindstorm kits and held mini competitions within the team before building their robot, the "Mighty Thor".
2274 "Blazing Phoenix" Archimedes
Con Edison & Fordham Leadership Academy High School, Bronx, NY, USA
New York City Regional: Regional Winner
With one of the most creative alliance acceptance speeches, "Blazing Phoenix" became part of the NYC Regional winning Alliance with teams 1302 and 354. This team was recognized as having one of the most innovative ramps this year. Ask them about the "mousie" in their robot's belly that lets the ramp sit squarely on the ground!!
2283 "Pantaras" Curie
GM Mexico / Universidad Panamericana Preparatoria / Explora Descubre y Crea A.C., Mexico City, DF, Mexico
Detroit Regional: Rookie All Star
Say hola to Pantaras, the team from Mexico. Pantaras entered late into the season but came out in front with an All Star Award in Detroit. Their robot TLACOYO saw quarter final action and is inspired by the way a tank moves

