

ST. ANDREW'S The Garth

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May 2003

Extra dimensions explored in annual Crump Lecture



Dr. Maria Spiropulu explains the intricate details of extra dimensions to Colin Mattis '06 after the Crump Lecture.

Students at St. Andrew's were enlightened by a glimpse of the cutting edge of particle physics on the night of April 11, 2003 thanks to the Fourth Annual William A. Crump '44 Physics Lecture. On the stage of a packed auditorium, Dr. Maria Spiropulu of the Enrico Fermi Institute of the University of Chicago presented an engrossing explanation of her research into extra dimensions.

According to the traditional view of reality, space and time are interpreted as static entities. However, at the cosmic and subatomic levels, scientists are learning that space and time behave dynamically. The premise for Dr. Spiropulu's work is that the Standard Model of particle physics, in which all matter is made of electrons, neutrinos and quarks that interact by the forces of electromagnetism, strong

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ARTS CENTER GROUNDBREAKING REMARKS

Headmaster Tad Roach marks the beginning of a bold new campus construction project. *Page 3*

SPRING DRAMA PRODUCTION EXAMINES RACISM

Students perform Linda Barry's *The Good Times Are Killing Me*, a tale of 1960s race relations and childhood friends. *Page 6*

SPRING SPORTS FINISHING STRONG

With state tournaments and championship regattas, Cardinals are proving themselves worthy. *Page 7*

GLOBAL WARMING IS HOT TOPIC

Environmentalist Mike Tidwell brings politics and climate change to the forefront of discussion. *Page 10*

Arts Weekend celebrates present and future

Arts Weekend at St. Andrew's, May 9-11, 2003, heralded the forthcoming end of the school year with highlights of creative works and musical performances from students. The weekend also provided the opportunity to celebrate the groundbreaking for the new arts center, scheduled for completion in the fall of 2004.

The groundbreaking ceremony launched the weekend's events following family-style lunch on Friday afternoon. Despite a spring rainstorm, the entire School community, including Trustees and honored guests, dashed across the gully to the shelter of a reception tent pitched on the site of the new project. Kitten Gahagan, Chair of the Board of Trustees, Headmaster Tad Roach and Bishop Wayne P. Wright delivered remarks and a blessing, followed by a brief performance by the Concert Choir. Gahagan, Roach, and Bishop

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Board Chair Kitten duPont Gahagan delivers opening remarks at the groundbreaking for a new arts center.

Newsworthy



Bishop Wayne P. Wright (center) poses with the 2003 Confirmation candidates. Back row, l to r, Andrew Cottone, Jamie Devereux, Christopher Speers, Ryan Stow, Brook Jackling, Peyton Newquist, Matt Primiani, Gabriela Tomlinson and David Fowler. Front row, l to r, Hadley Roach, Elizabeth Forbes and Jennifer Cottone.

Confirmation held for candidates at St. Andrew's Chapel

Several students and a few faculty and faculty children were confirmed in services held in the A. Felix duPont, Jr. Chapel on May 7, 2003. Bishop Wayne P. Wright presided over the evening services which confirmed Jamie Devereux '06, Elizabeth Forbes '06, David Fowler '06, Brook Jackling '06, Peyton Newquist '06, Matthew Primiani '05, Ryan Stow '06, Gabriela Tomlinson '05, faculty children Christopher Speers and Hadley Roach, and faculty member Jennifer Cottone. Cottone's husband Andrew was officially received into the Episcopal Church from the Roman Catholic Church.

Micah Levinson '05 to be confirmed at Congregation Beth Shalom

Micah Levinson will be confirmed in the Jewish faith at Congregation Beth Shalom in Wilmington, Delaware on June 6. An Eagle Scout since the summer of 2001, Micah has recently been working with students, rabbis and adult leaders in the Jewish community to publish a study guide for the Ner Tamid Award. The scouting award explores the faith of Judaism and service within the Jewish community.



Ana Ramirez completes master's degree

Spanish teacher Ana Ramirez recently completed her final set of comprehensive exam to earn her master's degree from Georgetown University. Focusing on Latin American Studies with a concentration in Literature, Ramirez was able to take her love of literature and examine it within a political and historical perspective. She plans to incorporate her knowledge into many of the upper level Spanish courses that she teaches at St. Andrew's.

Students earn berths on mid-Atlantic Under-19 lacrosse team

Five players from the St. Andrew's girls' lacrosse team have been named to the mid-Atlantic regional team that will compete in the National Tournament at Lehigh University on Memorial Day Weekend. Lizzie Burns '05, Sara duPont '04, Ashley Holbrook '05, Daphne Patterson '04 and Sarah Walter '04 were selected during a tryout held at Tower Hill and will represent the hundreds of athletes from Delaware, New Jersey and Pennsylvania nominated by their high school coaches. At the National Tournament, the girls will compete against other regions from all over the United States, playing over three days. Many college coaches will be in attendance, as the Tournament is also used as a recruiting forum.



Five players from St. Andrew's were selected for the mid-Atlantic Under-19 team. L to r, Sara duPont, Lizzie Burns, Ashley Holbrook, Sarah Walter and Daphne Patterson.

Lecture by Kirk Varnedoe '63 on abstract art attracts faculty and students

Despite a sunny weekend full of recreational options, several faculty and art students took advantage of a unique opportunity to hear one of the most respected curators in America, Kirk Varnedoe '63, speak about the elements of satire and irony in abstract art.

Varnedoe, former curator of the Museum of Modern Art in New York City, was named in 2001 to the Princeton Institute for Advanced Study, which at times has included other individuals at the top of their field—including physicist Albert Einstein and mathematician John Nash.

Over the course of the spring, Varnedoe gave a highly acclaimed series of talks on modern art at the National Gallery of Art as part of the A.W. Mellon Lectures program.

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Headmaster's Address

Placing the arts at the center of the St. Andrew's community

Remarks at the groundbreaking for a new arts center
May 9, 2003

It is, of course, impossible to gather for a groundbreaking ceremony at St. Andrew's and not recall the heroic origins of this School in 1929. Our predecessors gathered on a cold November day to lay the cornerstone. Dr. Pell wrote the following words to describe the occasion:

On November 30, 1929 the cornerstone of St. Andrew's School was laid. This day was chosen for the laying of the cornerstone because of its being St. Andrew's Day. About 75 people gathered for the ceremony, but the weather was so extremely cold that the stone itself was set as quickly as possible in the hope that the mortar would not freeze. The first trowel of mortar was placed by Mr. duPont, followed by the Bishop and other members of the Board of Trustees. Everyone then drove to Middletown to St. Anne's Church where the remainder of the service was held.

Our predecessors gathered together on a barren, remote site, empty of trees, grass, landscaping of any kind. Out of the dust of cornfields arose a vision of a school, and out of the chaos of a construction site arose Founders' Hall and a school of faith and learning.

The aspirations of those who gathered in 1929 were clear.

- They sought to create a small boarding school open to all regardless of means.
- They sought to cultivate goodness and Christian service and compassion in all those who joined the school.
- They sought to inspire in students a reverence and passion for learning.

Today we gather on this beautiful spot to reflect on the miraculous expression and fulfillment of that original vision of Mr. duPont and other Founders. Those 75 hardy souls who braved the elements on that November day in 1929 would be inspired by the sight of this campus, this current generation of trustees, faculty, staff members, students, parents and friends who celebrate our community today.

We break ground today, in the early days of the 21st century, as a natural extension and articulation of the mission of the School. As a culture, as a country, as a world, we confront a contest between two powerful human impulses: one is the human capacity and proclivity

for destruction, for violence, for desecration and cruelty; the other is the human capacity for reverence, stewardship and creativity and love.

The quality of life in America and in the world depends on the triumph of education and humanity.

Our very future and survival as a species depends on our commitment of time, energy and resources towards human creativity and stewardship.

In the shadow of terrorism and war, St. Andrew's builds an arts center that will stand as a literal and symbolic response to a world of chaos and fragmentation. This will be a place where St. Andrew's students and teachers will create order and beauty out of confusion and chaos. This will be a place where the human capacity, instinct and skill of artistic and musical expression find inspiration. This will be a place where the engaged artist and student finds relief from the virtual world of technology and the analytical world of the classroom. This will be a place where members of the St. Andrew's community, members of the outside community gather to hear distinguished speakers and lecturers. This will be a place that exhibits professional work of artists from across the region, nation and the world. Together with the strand linking Founders' Hall to the gully and to this

side of the campus, this project will enhance our campus' deep sense of unity and community. And this building will link St. Andrew's to the artistic, theatrical and musical communities in Delaware and the mid-Atlantic.

Building an arts center in this place and creating a new pathway from Founders' Hall along the back of Amos Hall will be a daunting task for our architect. But over the years architect Dick Meyer has carefully studied the culture and ethos of St. Andrew's. He has formed a spiritual and artistic bond with the original School architect, Arthur Brockie. We are lucky to have Dick's leadership of this project, for he, like our faculty who will teach in this building, is an artist, a visionary.

This project will require significant capital funds. Those who give of their time and expertise to make our capital efforts successful, those who give money for this project do so with the expectation that their generosity will make St. Andrew's a better school, a better community. They give to inspire our teachers to work in the best environment possible.

They give because they believe in St. Andrew's students' capacity and eagerness to immerse themselves in an Art Department that is committed to excellence. They give because the arts celebrate the heroism, nobility and courage of humanity at its best. They give because, for them, St. Andrew's is a work of art worthy of preservation and enhancement.

We have a lot of work to do before we gather again in this spot 15 months from now. Let us all resolve here and now to be worthy of this building when it opens—worthy as a school community, worthy as trustees, teachers, parents, students and staff members. We must live with the passion, discernment, eagerness and courage of the artist who seeks with every ounce of energy within him to create beauty, to create meaning.

In the words of Robert Henri:

Art when really understood is the province of every human being. It is simply a question of doing things, anything, well. It is not an outside, extra thing.

When the artist is alive in any person, whatever his kind of work may be, he becomes an inventive, searching, daring self-expressive creature. He becomes interesting to other people. He disturbs, upsets, enlightens, and he opens ways for a better understanding.

Where those who are not artists are trying to close the book, he opens it, shows there are still more pages possible.

Today we open new vistas, new possibilities, new opportunities for generations of St. Andrew's students. The work, promise and mission of the School, defined in 1929, continues in a new century.

Daniel T. Roach Sr.

Headmaster

Arts Weekend highlights creative talents and marks a new beginning

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Wright then joined with Marc F. Cheban, Chair of Performing Arts, Trustee Frank Giammattei '47, Board President Hick Rowland '58 and current VI Form Presidents Owen Cadwalader and Hen Kennedy to turn over the first spadeful of dirt as the audience celebrated. The Jazz Combo provided musical entertainment for the remainder of the reception.

Events over the remainder of the weekend were equally full of energy. The St. Andrew's Players staged *The Good Times Are Killing Me* on both Friday and Saturday nights to full houses. After the Headmaster's address to parents on Saturday morning, the Orchestra and Chorale performed in the A. Felix duPont Jr. Chapel. The afternoon was scheduled with numerous athletic contests, followed by the opening of student exhibits in the Art Gallery. Individual student recitals in the Cameron Room preceded a buffet dinner in the Dining Hall. The Jazz Ensemble performed throughout dinner. Sunday Chapel and performances by the Concert Choir and Chamber Orchestra capped off the weekend's events.



Performing Arts Chair Marc F. Cheban, Trustee Frank Giammattei '47, Board Chair Kitten duPont Gahagan, Headmaster Tad Roach, Board President Hick Rowland '58 and School Co-Presidents Hen Kennedy '03 and Owen Cadwalader '03 turn over the first shovel of dirt to launch the arts center construction project.

Crump Lecture highlights cutting edge physics theory

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and weak nuclear reactions, doesn't explain the much weaker gravitational force. Her goal is to experimentally show that the weakness of gravity might be explained in terms of the effects of higher dimensions.

In high-energy particle collision tests at the Fermi National Accelerator Laboratory in Batavia, Ill., Spiropulu and her colleagues are looking for results where the amount of energy measured after an event is imbalanced with the amount of energy prior to the event. The imbalance suggests the possibility of other dimensions to which the as yet undetected "graviton" carries away the energy and escapes.

The technology for studying particle collisions at such minute scales is improving rapidly, and Spiropulu believes that when the Large Hadron Collider is operational at the European Organization for Nuclear Research (CERN) in 2007, a few more pieces of the mystery will be explained.

The William A. Crump '44 Physics Lecture is given every spring by a prominent physicist. Made possible by the generosity of Bill Crump, it is now in its fourth year.



Pinky Burns, Bill Crump '44, Bill Brownlee '44, Dr. Maria Spiropulu, Eric Kemer, Susan Kemer and Chesa Profaci pose for a photo following the 4th Annual William A. Crump '44 Physics Lecture.

Artist Mia Muratori captures the essence of thought



Mia Muratori explains the inspiration for her sculptures and paintings.

Artist Mia Muratori opened an exhibit of paintings and three-dimensional work at St. Andrew's Art Gallery on Friday, April 11. Before a gathering of students and faculty, Muratori explained her work as an attempt to capture the essence of thoughts. Drawing from the multitude of cultures in the world, Muratori looks for the commonality of consciousness. Accordingly, her work displays the playful innocence of the inner being, influenced by shape and energy rather than political forces.

Muratori builds on the cyclical nature of human thought and consciousness, as well as the concept of spiritual growth. To help elaborate on the inspiration for her work, Muratori shared one of her interpretations of Sufi wisdom: "From mineral, I became vegetable. From vegetable, I became animal. From animal, I became man. What I shall become, you cannot imagine."

The Good Times Are Killing Me addresses racial tensions in 1960s

The Good Times Are Killing Me, by Linda Barry, was the spring dramatic production for the St. Andrew's Players on Arts Weekend, May 9-10, 2003. An incisive look at race relations in the 1960s, the play details the lives of two young girls—one black and one white—who grow up in a multi-ethnic neighborhood during the early years of the civil rights movement and rock and roll music.

The story is told from the perspective of the two girls as adults recalling their time together as pre-teens. Laney Smith '04 plays the mature Edna Arkins, and provides much of the background dialogue while Alex Straus '06 acts out her narrative as the younger Edna. Ewurabena Hutchful '03 plays the young incarnation of Edna's African-American neighbor, Bonna Willis, while Cristin Duprey '04 provides the older voice of the character. The two young girls struggle to become friends amid the racial prejudices of their parents and relatives. As personal tragedies strike each of the girls' families, their friendship is strengthened and is able to survive many of the forces that would destroy it. In the end, however, the girls fall victim to the pressures of their respective ethnic peer groups in junior high school and find themselves facing off in a climactic moment that concludes the play.

Despite a small cast, the St. Andrew's Players adapted well to the challenge, with nearly all students playing several parts. Jenn Wilson '03 played a primary role as Edna's mother but also put in an appearance as the conniving Girl



Bonna Willis and Edna Arkins, played by Ewurabena Hutchful and Alex Straus, become close friends during family crises and the awkwardness of early adolescence.

Scout Leader, Mrs. Doucette. In addition to playing the older Bonna, Cristin Duprey also handled the additional roles of young Bonna's Aunt Martha and one of the neighborhood teens. Kim Black '04 managed triple duties as well, playing Bonna's mother and two other supporting roles. Rachel Buedel '04, Steve Coupet '05 and Ashby Hardesty '04 also played dual roles. Angel Gonzalez '03 and Anthony Timberman '05 played the fathers of each of the main characters. Colin

Mattis '06, Claire Teigland '04, Ricardo Antoine '05, Megan Dieterle '04 and Peggy DeAngelo '04 rounded out the cast. Also taking the stage were two faculty children, Olivia McGiff and Christopher Speers, playing the roles of younger siblings.

Behind the scenes, Nia Chaney '04 kept the production running smoothly as Stage Manager. Lana Matsuyama '03 provided excellent costumes for the cast, and Jennifer Kim '04 and Clark duPont '04 served on the Tech Crew.



The extended Arkins family gathers together. L to r, Olivia McGiff, Claire Teigland, Jennifer Wilson, Anthony Timberman, Alex Straus, Christopher Speers, Rachel Buedel and Ashby Hardesty.



Bonna and Edna find their relationship struggling against the influence of their racist friends. L to r, Ewurabena Hutchful, Anthony Timberman, Ricardo Antoine and Alex Straus.

Spring sports enjoy strong season performances

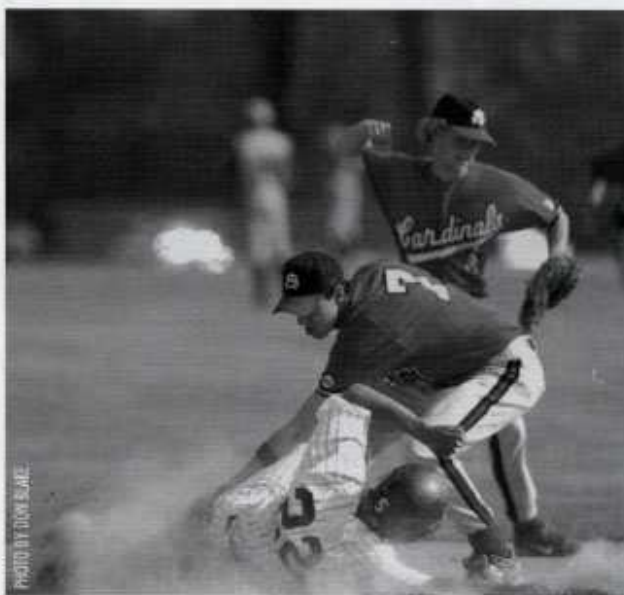


PHOTO BY DON BLAKE
Matt Roach '04 makes the tag as Jim Williams '03 anticipates the umpire's call.

Boys' baseball has best start in a decade

The varsity baseball team had its best start in a decade, winning 10 of its first 12 games. The team repeated as Independent Conference Champions by beating the formerly first-place Tower Hill three times during the season. At press time, the Cardinals had finished the regular season with a record of 15-4. This season, each team in the Conference played each other three times, making the schedule very challenging.

According to Coach Bob Colburn, the success is due in part to six seniors who have made a tremendous impact and displayed great leadership throughout the season. David Amos, Jamie King, Paul Koprowski, Dan McAlaine, Charles Stayton and Jim Williams have all made outstanding contributions to this year's success. Pitchers Jamie King, Richard DeSalvo '04, Dan McAlaine, Matthew Roach '04 and Jim Williams have all contributed on the mound. John Lupton '04, Nick Hovan '04, Matt Primiani '05 and Mac McCallum '06 have backed up the pitching with solid fielding. Roach in particular has been outstanding, playing at three different infield positions and filling in for whomever is pitching.

In May, St. Andrew's played first place Tower Hill at Frawley Stadium, home of the professional Wilmington Blue Rocks. St. Andrew's took a 2-1 lead into the 6th

facing one of the best pitchers in the league and scored 9 runs all with two outs to win 11-1.

Jamie King has pitched outstanding ball games, leading all pitchers with a 2.50 ERA and a 6-1 record. Richard DeSalvo has a 3-0 record and an ERA of 2.00. The top hitters have been Stayton Amos and Koprowski, all batting better than .400. Offensive leaders are Williams with a .568 on-base percentage, 11 stolen bases and 16 runs scored, while Stayton and Amos have 14 and 12 RBIs.

The J.V. team has not enjoyed the same winning record, often facing very strong second squads from opponents with significant

depth. However, the talents of the J.V. Cardinals are diverse. Without the roster depth of their opponents, the majority are handling multiple positions on the field as well as putting forth some consistent hitting. Over half the team has a batting average better than .300. Despite the hard losses they have taken in their season, these players will have their chance to shine in the coming years.

Girls' lacrosse playing for keeps

The girls' varsity lacrosse team is once again showing teams throughout the state that it means business. Following their 2002 State Championship and after demonstrating no less talent during the 2003 season, the team is ranked No. 1 in Delaware and completed the regular season undefeated. The team reaffirmed the accuracy of that ranking by defeating the No. 2 team, Tower Hill, in a definitive 14-5 win.

Key returning players have been the three senior captains, Emma Wallace at center, Margaret Farland in the goal, and Brandy Bennett at low defense. Top mid-fielders are Sarah Walter '04 and Sara duPont '04, Lizzie Burns '05

and Daphne Patterson '04. Clare Nowakowski '04 and Erica Landskroener '04 work the low defense with Lizzie Burns.

Sophomores Jesse Nunn and Ashley Holbrook are strong attack players. New additions to the team are Ziza Craig '05, a strong attacker, Antonia Clark '05 on defense, Brooke Farquhar '04 on defense, and Molly Whiteman '06 and Lindsay Brownlee '05, both on attack.

Coach Sarah Commito acknowledges that naming nearly the entire team as crucial to the team's success is accurate. "They are all quite good," claims Commito. Despite the level of play, the team is actually still young, with many sophomores and juniors. "Our focus this year," says Commito, "has been on keeping possession of the ball."

As the team moves into tournament play, they are eager to defend their State Title. "What is impressive with this group," Commito remarks, "is their ability to play intense games regardless of the level of competition. We are continually learning and improving with every game we play."

The J.V. squad finished the season with a 10-2-1 record. The 7-7 tie against Tower Hill in April was avenged in May with a decisive 9-4 victory. Under the direction of Coach Jenny Silverman and the senior leadership of Sarah Noe '03 and Giselle Furlonge '03, the team developed a quick style on the field. Rachel

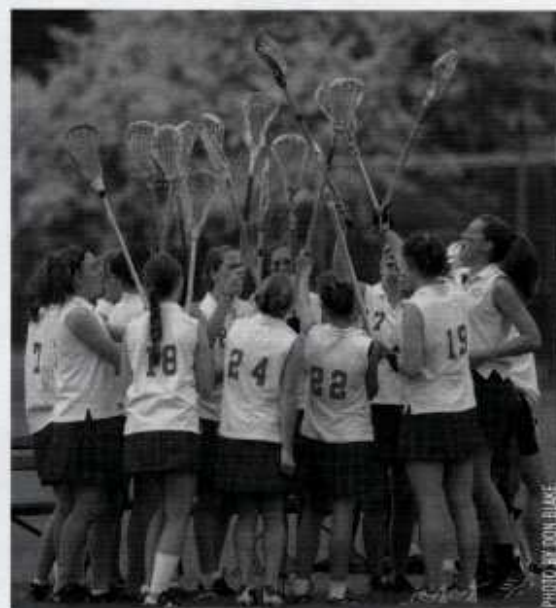


PHOTO BY DON BLAKE
Teamwork is the key to continued success for girls' lacrosse.



Griffen Stabler '04 outruns a Tatnall opponent.

Maran's speed and aggressiveness and Cora Currier's accurate shots proved to be a lethal combination for opponents.

Boys' lacrosse finishes with even record

The 2003 boys' lacrosse team finished the regular season 8-8, but played a solid season against challenging opponents. In the Independent Conference, the Cardinals finished third, behind Tatnall and Tower Hill.

A young team with only three seniors, the boys gave the defending State Champions, Cape Henlopen, a real scare in April, nearly upsetting them in a 6-7 loss. In the first round of the State Tournament, the Cardinals managed to top Cape Henlopen, delivering a stunning 4-1 upset. Tatnall ended the Cardinals' tournament run in the quarter-finals.

Following the departure of the three seniors, Alex Johnson, Greg Montgomery and David Wehrs, a strong group of underclassmen will figure into next year's success. Ben Smith '05, Dave Page '04, Griffen Stabler '04, Neil Gordon '04, Tom Hawkins '04, Peyton Coles '04 and Mike Johns '04 will provide the core of the 2004 team. Along with other young members of the varsity and developing players on the J.V., the Cardinals hope to mount a challenge for the DISC title next year.

Boys' crew sets out to overachieve

After the loss of five powerful members of the 2002 Henley crew, the top varsity boys boat has shown that they are to be taken very seriously. The varsity eight fin-

ished second at the New Jersey Scholastic Championships behind Mainland High School, a crew among the best of the Philadelphia scholastic teams. The Stotesbury Regatta did not turn out as planned for the crew, as they were nipped in the semi-finals by a surging Gonzaga crew, coached by Dave Foley '93.

Adam Finn '03, Cuth Hutton '04, Nick Manice '05, Hugo Beekman '04, Graham Drury '03, Chris Carey '04, John Gerard '05 and Owen Cadwalader '03 raced hard in the various

Noxontown regattas with Alec Baer '03 at the rudder. Home regatta highlights include close early races with St. Joseph's Prep, Thomas Jefferson and Holy Spirit, an April victory over Gonzaga and Kent School and a strong first place finish

against Shipley School and Wilmington Youth Rowing Association.

Coach Lindsay Brown maintains that a positive contribution to the varsity success has been the acquisition of a new top-of-the-line racing boat made by the well-regarded Resolute company. The team is especially grateful to Arthur Gosnell P'01, who donated the funds for the boat, christened "Tucker," after Mr. Gosnell's brother.

The boys' second eight has three seniors—John Allen, novice Walton Dumas and Troy Nold—providing some solid leadership experience for the lineup. Also in the boat are coxswain McLane Daniel '04, Ben Kemer '04, Tyler Struzinski '04 and Steve Tooze '04, as well as novices Tyler Montgomery '05 and Warwick Potter '05, both of whom have been quick learners.

The J.V. boats have shown great progress this year, with the third eight steadily gaining speed and nearly catching the second varsity boat in the final home race of the season. The junior four and fourth eight showed strong competi-



The boys' varsity crew—coxswain Alec Bear '03, Owen Cadwalader '03, John Gerard '05, Chris Carey '04, Graham Drury '03, Hugo Beekman '04, Nick Manice '05, Cuth Hutton '04 and Adam Finn '03—waiting for the start of the race on Noxontown Pond.

Michelle Madeley '03, Lydia Howard '04, Hen Kennedy '03, Mary Carson Saunders '04, Liz Hardwick '04 and Peggy DeAngelo '04—six of the nine young women who make the varsity boat move through the water.





PHOTO BY DON BLAKE

Carter Brady '03 powerfully returns a serve in a home court match at St. Andrew's.

Stotesbury Regatta, the varsity eight showed some of its best racing all season, but was eliminated in the semi-finals.

J.V. crews fared similarly to the varsity, with the junior eight usually finishing in the same comparative place against its competition as the varsity boat. The second eight and junior eight shared personnel throughout the season as the lineups for each boat were fine-tuned for Stotesbury. A strong group of freshmen and sophomores filled many of the seats in these eights, and are sure to be key members of future varsity crews.

with a J.V. team that finished undefeated, there are plenty of talented players throughout the program.

Boys' tennis finish with winning season

A dreadfully wet spring caused the cancellation or postponement of several matches during the season, but the boys' tennis team persevered to earn a 6-4 record. Coach Eddie Chang '83 felt the long spells without matches compromised their ability to develop smoothly, but the team showed its resilience once weather conditions improved.

Thanks to the leadership and tennis skills of senior captain Andy Carroll, the young team found inspiration and gained momentum as it headed into the second half of the season.

The addition of sophomores Duncan Kirby and Mike Stafford, as well as the talented freshman Brandon Sigh, has added great depth to the rest of the young lineup. At press time, the second doubles team of Stafford and Kirby had advanced to the quarter-finals of the State Tournament. Joining them were the first doubles team of Sam Baroody '05 and Peter Salas '05, and Will Blue '04 playing second singles.

tive resolve from the first row of the season until the last. Picking up oars for the first time in late March, the freshmen eight improved rapidly over the six weeks of racing.

Girls' crew develops experience over season

With only two returning rowers from the 2002 silver medal Stotesbury crew, the girls' varsity boat struggled against more experienced opponents for the majority of the season. An early Noxontown Pond win over National Cathedral School, Walt Whitman, Archbishop Prendergast, Georgetown Visitation and West Springfield gave way to tougher losses against Kent, Thomas Jefferson, Holy Spirit, T.C. Williams. The home schedule ended with a loss to Wilmington Youth Rowing Association, but wins over several Maryland crews.

Under the direction of Coach Mamie Doyle and coxing of Margaret Hoffecker '03, the varsity squad of Peggy DeAngelo '04, Liz Hardwick '04, Lydia Howard '04, Hen Kennedy '03, Michelle Madeley '03, Molly Ruane '03, Mary Carson Saunders '04 and Sarah Unger '04 developed solid form and technique, but was unable to match the raw power and refined speed of well seasoned crews from the Philadelphia and New Jersey Scholastic Leagues. At the

Girls' tennis challenging for state honors

The girls' tennis team started off ranked third in the state. They went on to outperform that ranking by finishing the regular season 10-1 and advancing all five players into the third round of the State Tournament. Only the second doubles team managed to make the finals however.

Tower Hill has been a strong opponent all season, losing to the Cardinals 3-2 in April, but coming back to defeat St. Andrew's 4-1 in the final match of the regular season.

Coach Allison Thomas '96 commends the leadership of seniors Carter Brady, Virginia Mann and Dodie Press, as well their court skills. The rest of the team should provide a solid base for next year. Although they will lose the three seniors playing singles, Kirkland Mitchell '05, Peyton Newquist '06, Joan Payson '05 and Sallie-Wright Milam '05 will be strong competitors to fill those spots. Courtney Street '05 and Bianca Brown '04 played exhibition matches this year, but will factor heavily in the team's success next year. And



PHOTO BY DON BLAKE

Andy Carroll shows his court skills playing the No. 1 singles.

Students help reforest open space around campus and region



Nia Chaney '04 and Kim Black '04 help plant trees near the Fox Hunter Crossing development, northwest of Middletown.

Students and faculty helped restore some of the natural landscape along Noxontown Pond and around a development in Middletown. Though the land in this region has long been used for agriculture, much of it was originally covered with thick forests prior to being cleared by European colonists.

In April, Biology teacher Dan O'Connell and V Formers Nia Chaney and Kim Black joined with local citizens under the coordination of Delaware's Division of Natural Resources and Environmental Control (DNREC) to transform the open green space of the Fox Hunter Crossing development into a future forest. About 800 trees were planted near the development.

Several weeks later, a similar effort was undertaken at the southern end of Noxontown Pond. Working on the "Back 15" acres—a former hayfield set aside for habitat restoration—more than 60 students and faculty planted a number of different tree species, including White Oak, Red Oak, Red Cedar, Persimmon, Indigo Bush, Silky Dogwood, Red Maple and White Ash. Over 600 trees were planted in the field. All of the species are native to this area of Delaware and should thrive over time.

For both projects, the trees were paid for by the U.S. Forestry Service, subsidized by the Natural Resources Conservation Service. The only requirement for the students was to provide the labor.

Environmentalist Mike Tidwell heats up climate change discussion

Speaking to a curious and attentive crowd, environmental activist Mike Tidwell delivered doses of reality and controversy at a St. Andrew's special program on Friday, April 18. Tidwell discussed the evidence of global warming and the lack of effective political response in the United States.

Citing the work of the Intergovernmental Panel on Climate Change (IPCC), Tidwell provided data and assessments of the human causes behind global warming, specifically our reliance on fossil fuels. The increase in carbon dioxide emissions since the advent of the industrial age parallels the increase in average global temperatures. In analyses of ice-core samples from the Arctic, scientific evidence has shown the validity of the CO₂-temperature relationship dating back millions of years. Unless humans forego the use of fossil fuels, the average temperature may rise as much as five to nine degrees in the next century, according to the IPCC. There are many who might debate this figure, but it is known that the five warmest years on record (since accurate data was kept) have taken place in the 1990s.

To replace the energy that would be lost in abandoning fossil fuels, Tidwell advocates greater consideration of wind power, one of the fastest growing segments of the power generation industry. Wind turbines placed in key northern and midwestern sparsely populated states could easily provide a significant portion of power needs of the country.

Tidwell took specific aim at current U.S. policy towards global warming. After initially challenging the report of the IPCC, two separate U.S. commissions came to similar conclusions. Unfortunately, the solution they recommended was laughable, according to Tidwell. The final recommendation was to do nothing. "They admit global warming is happening," said Tidwell, "but they say nothing can be done about it, so just live with it." Tidwell felt otherwise and has thus dedicated his life to spreading the word on environmentally-friendly energy usage as well as other anti-pollution issues.



Mike Tidwell answers questions from students and faculty about climate change and good environmental practices .

Whether the IPCC figures are accurate or not, the students were genuinely interested in learning more about the effects of human civilization on the planet. Various questions posed to Tidwell following the lecture indicated a strong appreciation for environmental topics and a willingness to embrace the new science and technology that will redefine the future.

Tidwell is a former Peace Corps Volunteer, a noted freelance journalist and author of several books. He started a non-profit organization called the Chesapeake Climate Action Network in Washington D.C. to educate local communities and the media on global climate change and to lobby government at both the local and national levels. Tidwell's appearance at St. Andrew's was brought about through the efforts of Camellia Ibrahim '95, who heard him speak in Baltimore over the summer and recommended him to Biology teacher Peter McLean.

SAS QUICK PICS



Ashley Gosnell '02 helps to christen Tucker, the newest boys' rowing shell donated to the St. Andrew's crew program by her father, Arthur Gosnell (standing at left). The shell, made by Resolute Racing Shells, is one of the best in the world. Tucker is the second shell donated by Mr. Gosnell, who also gave a Resolute shell, Abigail, to the girls' team in 1999.



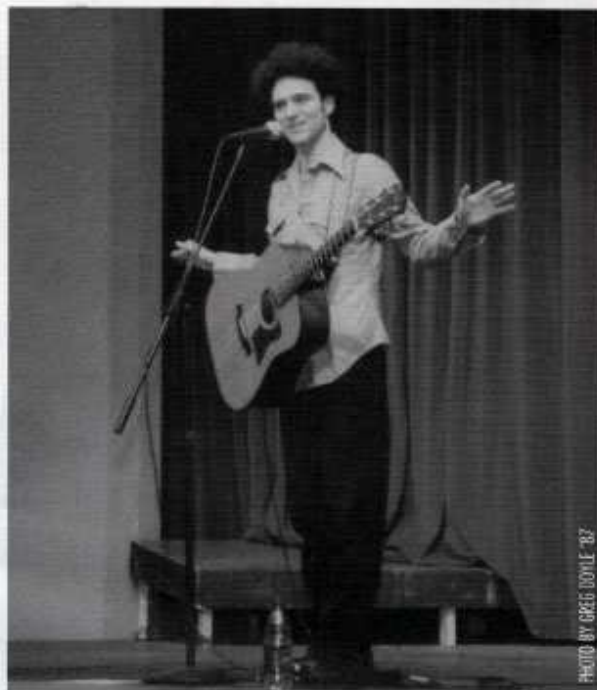
The Jazz Combo performs during the reception at the groundbreaking ceremony for the new arts center.



Andy Wolfe '03 performs a solo during the Jazz Ensemble's dinner performance on Arts Weekend.



Faculty members Manny Benjamin, Ann McTaggart '86 and Marc F. Cheban imitate the "American Idol" judges' panel during the St. Andrew's talent show.



Singer and songwriter Peter Salett '87 performs his music for the St. Andrew's community at an April concert in the Forbes Theater.



Marc F. Cheban leads the Concert Choir in a performance during Arts Weekend.



Colin Congo '03 and Elijah Weeks '04 perform as part of a step-dancing troupe at the SAS Idol talent competition.

The Garth

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