


## I believe in...



Developing the Leader in YOU.
Ryan Kramer
State President
SAE: Vegetable
Production \& Farm
Placement


By: Megan Townsend



Past State Officers Noelle Dunckel and Dan Kiesling take part in
the 2004 study abroad to Ireland and the United Kingdom.
actions have an impact on other parts of the world."

Kiesling explained that during his time in the European Union he discussed agricultural policies, such as the F.U.'s ban policies, such and how it affects OS. cattle producers, with u.S. catle producers, with agricultural leaders in each country.

He said that E.U. farmers also expressed their concern of South America, specifically Brazil, and how its ability to produce soybeans and beef cheaper than the European cheaper than the European market on such products.
"The United States is more vulnerable in many ways than before of not being able to market its product," Kiesling said. "And, just because it's an American product doesn't make it the best in many consumers' eyes."

It's important for students involved in agriculture to notice what takes place around the world, Kiesling said.
"Students always need to be aware of what's going on around them, whether it's in agriculture, politics or whatever," Kiesling explained. "Many of the problems we face agriculturally in the United States, like urban sprawl or young people not returning to the farm, other countries face as well."

Noelle Dunckel, the 2000-2001 state FFA secretary, traveled with Kiesling through Ireland and the U.K., and saw how
globalization, making something worldwide in scope or application, affects agriculture.
"Mad cow, foot-and-mouth and other infectious diseases have made everyone more aware of the food safety polices that need to be in place," Dunckel said. "As a globar communit, we can al countries have faced."

Dunckel and Kiesling saw a cattle passport in Scotland that the USDA is learning in order to formulate a univer animal identification system in the U.S.

The passport, which allows for animal traceability, corresponds with the uniqu identification number on the ear tag of each head of earlag of each head of leaves the farm, the passport must receive a stamp from the Scottish government.
"From seeing the Highland cattle in Scotland, I now understand that differen countries approach agriculture in different ways," Dunckel said. "We should be accepting of these ways, even if they are different from our own."

The international experience also taught Matt Jakubik, the 2004-2005 state vice
president, the importance of keeping a "global mind" and thinking outside of your backyard. "It's not just about the United States," Jakubik said. "It's about how we all impact the world."


## Facts about Trade, Dependence, and the Global Market

U.S. Gross Domestic Produc equaled \$34 trillion in 2003.

Worldwide production equaled $\$ 57$ trillion.

Market Demand for traded goods equaled \$23 trillion with world wide trade's share equal to $33 \%$ or $\$ 7.5$ trilions.

Out of a population of 5.6 billion approximately 2.4 billion are employed with the larges number in subsistence agriculure in mainly China and India.

Non-agricultural employment continues to increase as improvement in agricultural productivity in the poorest countries force rural poor to urban area. The share of non agricultural employment increases from $14 \%$ to over $20 \%$.

The international trade share of employment worldwide is about $10 \%$ in 1995, it had increased to $15 \%$ by 2002 and will reach $17 \%$ by 2015 .

Due to rapid recovery in Asia from the 1997-98 currency collapse, the US market growth remains the only real "engine" for the world economy. Growth in the US, on average is 1.5 to $2 \%$ higher than in the rest of the world.

The United States in growth have grown at a rate nearly twice that of the rest of the world leading to an imbalance in trade that likely cannot be sustained and is unhealthy for the world economy.

North America, Asia and Europe are three dominating regions in the country of regional distribution demand. Europe is about half as large as any other region due to its advanced state and large population size.

The 1990's boom led to a massive increase in world trade. The increase was fueled by a shift from domestic to foreign sourced products mainly in North America. Asia's surplus in 2002 accounted for $93 \%$ of North America's deficit with the world and the shift from labor intensive Asian production to labor conserbing North American production to a net benefit in jobs created worldwide.

By 2002 the trade imbalence accounted for $2 \%$ of worldwide employment and just $1.2 \%$ of worldwide production.

Worldwide production of traded products- primary, food and manufacturesincreased by $14 \%$ over the period of 1995-2002. The North American trade deficits increased when measured agains teh net increase in traded goods outside of North America accounted for $23 \%$ of the increase.

One quarter of the growth ouside of North America is due entirely to the growing size of the American trade deficit.

The World Trade is unevenly distributed across the regions. Asia benefits from a growing trade surplus with North America.

The exports are increasingly important for Asia's regiona trade where the inputs shipped between higher cost Asian manufactures with specialed production to assembly operations in China before being exported to the United States or Europe.

The US deficit with China alone is about $1 / 5$ th of the overal US deficit with the world of over $\$ 500$ billion.


World trade increases from just over \$4 trilion in 1995 US to over $\$ 10$ trillion by 2010 at an average rate of $6 \%$ per year in 15 years.

Technology products gain share as supply-chain economics shift production from advanced to emerging markets. Technology starts with a $16 \%$ share in 1995 and increase to $26 \%$ by 2010.

Comsumer products share declines as technology goods replace light consumer products and capital equipment share hold constant in relationship to world trade.
rade in primary products food, and intermediates falls relative to the growth in the other sectors

The US trade deficit with China increases from about $\$ 15$ billion in 1990 to over $\$ 100$ billion in 2002. If present trents continue it will reach over $\$ 250$ billion by 2015. As the trade deficit had increased US dependence on China as a source of supply had increased.
Consumer goods account fo nearly $25 \%$ of world trade, but only $12 \%$ of North American exports; while North American exports are concentrated in technology goods (40\%) compared to just $25 \%$ of world trade.
Facts provided by Dr. David L Blond. For more information check out:
www.queriinternational.com

## Our <br> Motto in Motion

Supported by the Michigan Department of Career Development's Natural Resources and Agriscience Pathway

Learning ${ }^{10} \mathrm{DO}$

By: Megan Townsend Agricultural Communication

Megan Cooley, a 17-yearold junior at Mason High School and a member of the school's FFA chapter, is "running on fumes."

Cooley worked more than 85 hours during the spring at the Mason FFA Sugarbush helping to make this year the operation's most successful. The sugarbush is a student-run maple syrup production facility.
"We completely shattered our record this year," Cooley said as she changed a filter on the evaporator used to boil sap into syrup.

The students made more than 460 gallons of syrup. breaking the record set in 2001 of 292 gallons, according to Pete Barnum, the Mason agriscience teacher and FFA adviser.

Barnum attributes the record breaking season to the students'
determination and a new. more environmentally sound design used to
increase efficiency in the 32 acre woodlot owned by Ingham County.

The students installed a new vacuum system that allowed them to utilize part of the woods they never reached before. They also reduced the trees' stress by using 33-percent smaller spiles, which provide a spout to draw sap from the trees. This reduced the total number of spiles used and more efficiently spread them throughout the woods.
he sugarbush means more than just boiling sap to make maple syrup," said Stephanie Kilpatrick, a junior at Mason igh School and second-year A member. "l like working with different people, Kilpatrick said. "It teaches good personal and leadership skills."

The sugarbush work begins in early February, depending on the weather and typically ends the last week in March. The sap runs best when there are warm days and freezing nights, according to Cooley.

Students enrolled in Barnum's our agriscience classes, along with FFA members, spend time collecting buckets of sap boiling the sap into syrup marketing the syrup and giving tours of the facility to more than 400 people, including third grade students.
"I think it's an awesome opportunity for students," said

Barnum, who has taught at Mason for three and a half years. "The most beneficial part is learning responsibility."

Each year the students also organize an open house where they provide a petting zoo, pancake breakfast and guided tours of the operation for members of the Mason area and surrounding communities.
"This is an opportunity that most American high schoolers don't have," said 17-year-old Matthew Brady a member of the Mason FFA.

Barnum said breaking their record will challenge the students because they now have to market 200 more
gallons of syrup than anticipated. The students have already started pushing their product the Mason FFA Sugarbush syrup is available at the Mason Elevator Co the Leslie Farm Center, Fair View Corners craft shows held in Mason and the Mason High School.
"People can purchase syrup in multiple sizes or in a gift basket that includes pancake mix." Barnum said.

The Mason FFA Sugarbush started in 1964 at a woodlot by the Capital Area Career Center on Hagadorn Road and moved to its current ocation in 1970.



Agronomists deal with interactions among plants, soils and the environment. Agronomists research ways to produce crops and turf and ways to manage soils. Agronomists can found teaching, conducting production and environmentally oriented industries around the world.

Agronomists work for banks; farm coops; seed, ag supply and lawn care companies; and government
agencies. Agronomists also are employed as weather forecasters, environmen

To be an agronomist, you should have an interest in science and environmental issues. In college, you should enroll in agriculture, biology, chemistry, mathematics, physics and statistics courses.
For more information, check out: www.css.msu.edu/home

## Doing ${ }^{\text {to }}$ Learn

## Building <br> Skills for Life

By Dustin Petty
Region VI State Vice
President

As county fairs statewide begin to wind down, one FFA member, Jeff Thomas o the Alpena FFA Chapter, is already looking forward to next year when he can again saddle up and enter the arena to participate in his unique SAE.

Jeff, the son of Mike and Peggy Thomas of Ossineke, began three years ago training his eleven-year-old thoroughbred horse Jason to participate in his county fair's horse speed shows.
"I became interested in barrel racing by accident really. We have a speed show on the last day of our fair and Thad nothing to do from entered in just to keep fromer done it before and neither had my horse.

We just went slow and had fun but I became hooked and started to train my horse to run barrels and we have become faster years My horse is an exyears. My horse is an ex him from making big wid him from making big wide

turns to small sharp turns and taking a long time to come to a stop," said Jeff.

The speed shows usually consist of seven events with names such as Cloverleaf and Keyhole, all of which involve obstacles like barrels and poles that the horses run around.

Jeff's favorite event has been one called Pole Bending that requires the horse to weave in and out of six eight-foot tall poles with a five-second penalty being given for each pole knocked over.

The most important aspect of preparing for a race, Jeff explains, is maintaining the explains, is maintaining the safety of the rider and the
horse by always remaining horse by always remaining
on focus. "Anything can happen in those quick eight to 27 second runs. I have witnessed people having their horses fall on them and people falling off because they became careless. I actually was one of them. I was doing a speed and action
run and my horse hesitated at the buckets and I was not thinking about what I was doing and he jumped sideways. I accidentally hit him with a spur and he jumped back the other way and I lost my balance and fell," he remembered.

For the events, there are usually prizes for the top three or four places, depending on the race. But Jeff adds, that he doesn't do it for the prizes or money, he just does it because he enjoys it.

While Jeff acknowledges that his speed shows are the most exciting part of his SAE's, other activities add to the diversity of his program.

Besides being employed at a local feed store, he is also heavily involved in the production of rabbits. chickens and sheep. Jeff who is entering his junior year of high school, is also currently serving as the Region VI Vice President. B

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## Weed Scientist

Weed scientists teach, perform research and work at universities. Weed scientists also work for agricultural chemical firms in research, development, sales, marketing and regulation. Some work in research development or regulation for private research firms. Others diagnose problems in the field or establish weed management systems for private crop management or consulting companies.

To work as a weed scientist in a reenhouse or in the field, you should be interested in weed science, soil science and agriculture. You will need a bachelor's degree in a field such as agronomy, horticulture, range science or soil science. For a laboratory research career you will need a degree in chemistry. biochemistry or plant physiology.

For more information, check out www.css.msu.edu/home


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## Earning to Live

By: Kara Butters \& Kendra Butters Agriscience Students
or half a century, Charlie Arensmeier has been associated with the Nationa FFA Organization as a FFA member, an advisor a the state leve The the state level. The Michigan FFA Association has been privieged to have Arensort for assistarce and support for the past 34 years.
In 1954, Arensmeier joined the Higginsville FFA Chapter in Missouri as a freshman in high school. At was to my career goal was to wanted to be in wanted to be in the FFA to lear mure and farming " said Arensmeier. farming, said Arensmeier, the local chapter

Arensmeier served as sentinel during his junior year and president his senior year. He also participated in the public speaking contest, the only leadership contest offered, at the district and regional levels and the judging contests.

During his senior year, his SAE consisted of 200 laying hens, five Duroc sows, two Shorthorn beef cows and two acres of corn. Arensmeier stated "I kept the sows and the beef cows while I was in college, and that paid for most of my
college expenses."
After graduating from high school, Arensmeier attended the University of Missouri Columbia with a major in anima husbandry and the intent o become a farmer However, as a junior, he changed his major tion and joined the Collegiate FFA Chapter.

-R Jerry Centers- FFA Project Consultant, Charlie Arensmeier--
Executive Secretary-Treasurer, Ron Carlisle- $1974-75$ State Presid Denny Grabill- 1975-76 State President, Rich Karelse-State Advisor

Arensmeier decided that he would teach for a few years to earn money, which would allow him to start farming later

Arensmeier served as an agriculture teacher and FFA advisor at WellingtonNapoleon Schools from 1962 to 1964 and at Lathrop Schools from 1964 to 1970. In 967, he earned his Masters Degree in Education from the University of Missouri.

Agricultural education in Michigan was fortunate when Arensmeier and his wife Ann moved to Michigan in 1970 where he worked as a graduate assistant at Michiga State University for two years. from 1972 to 1974, Arensmeier Prved as Projects Consultant.

In 1974, Arensmeier was hired by the Michigan Department of Education to serve as the Vocational Student
Organization Coordinator (FFA Executive Secretary). He ulfilled this role until his first etirement in 1997.

With his dedication to agricultura education and the FFA still strong after 43 years of involvement, Arensmeier agreed to serve as an ariscience Program Consultant at Michigan State University Seven year later, now in 2004 fime in Jly marking his 50 th year win inval his fFA
rensmeier attested that the most important skills he gained from theortant skills he gained and parliamentary proced Through all of my jobs, have had to communicate ideas, make cocisions or work with others to plan an activity," said Arensmeier. "Without

after serving the Michigan FFA for the past 34 years.
background that the FFA provided me, my activities during many and after would have been limited." been limited."

Having been involved with the FFA for many years, Arensmeier's favorite parts of ta and national stenventions. "The activities provide an opportunity for many young people to travel and participate in programs that are once-in-a-lfe-liained Arensmeier "I still enioy seeing the excitement of participants." participants."

While Arensmeier did not earn a living by farming as he once planned, he did earn to live by becoming an FFA member and continuing to be nvolved with agricultura education and the FFA with each of his career choices. Arensmeier positively mpacted the lives of housands of Michigan FFA members and youth while earning to live.


Molecular biologists study the molecuar basis of the phenomena of living things. Molecular biologists can be researchers, technicians or teachers. Universities, companies and govern ment agencies hire them.

To be a molecular biologist, you need a bachelor's degree in a life
science discipline like biochemistry, genetics or microbiology, with an emphasis on molecula biology. You should take courses in chemistry, biochemistry, math ematics and computer science

For more information, check out http://www.fw.msu.edu/

## Living Serve

Cleaning up your Community?
ensmeier retires he Michigan FFA 7 years

For the past five years, the Waldron FFA Chapter has been giving of itself in an extraordinary way. Once a year every spring, members of the chapter take a day off from school and head to the streets of small town Waldron and it surrounding area.
"The local junkyard lets us dump all of the trash we pick up there for free," says Sarah Lockwood, secretary of the Waldron FFA Chapter and also Region II President. "We split up into groups and just hit the streets to start picking up," she adds.
But it's not just the chapter members who do the work parents and members of the community give of their the day is see the who has day is over, he project has been completed
Chapter advisor for the past ten years, Margo

By: Dustin Petty
Region VI State
Vice President
A generation ago, President Kennedy issued the challenge heard inspiring millions to not sit idly by but to stand up and serve in any capacity that they could. The FFA, however, has been its 1928 creation.

Waldron FFA members clean up debri and garbage which line roads in their community


Fether has been the one keeping this act of duty going. Of the three fownships involved in the cleanup, one actually volunteers to pay the chapter for the hard work they put into the project because they want them to stay on the job year after year. Despite this

Mrs. Fether holds strong to the fact that the money doesn't matter. "That's not what it's about," she explains.

The kind of selflessness that the Waldron FFA shows is the kind that makes people in our communities across the nation look towards the FFA as a symbol of committed ervice and dedication to the betterment of their surrounded environments.



FFA and community members come together to make the Waldron area shine.

| ike biochemisrobiology, with olecular d take courses in histry, mathuter science. <br> check out .edu/ | cientist <br> Wood scientists and technologists expertly convert wood to wood products-a process that takes very little energy. Wood scientists can work in manufacturing, marketing, technical service or research. <br> Wood scientists and technologists in manufacturing can work in | product or process development, quality control, production control or management. <br> To be a wood scientist, you need a bachelor's degree in wood science and technology. In college, take courses in chemistry, physics, mathematics, economics, wood anatomy, wood structure, product manufacture, wood design, statistics, marketing and business administration. <br> For more education and career information, check out: www.for.msu.edu/ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{0} \\ & \stackrel{+}{0} \\ & \\ & 0 \\ & 0 \\ & \hline \end{aligned}$ |
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## Member

## Region 1: Sarah McCurley

Raising beef, sheep and swine or the Branch County Fair is an activity that Sarah McCurley always looks forward to. Sarah urrently serves as the chapter president and the 2004-2005 Region I President.

Sarah received her first calf in 996. Both her father and mother raised cattle as kids, so hey decided to buy a calf for her. Sarah said, "My SAE has aught me tons of responsibility and how to be prepared for anything. I am always willing to take on something new.

Sarah has a daily routine. "I am ucky my dad does chores for me in the mornings so I don't have to get up early. After get home from school, I brush and walk the animals for exercise as well as feed and water them," said Sarah.
sarah joined the FFA because her friend's sister is a former nember. The first activity she participated in was Greenhand Conduct of Meetings.

## Sarah received the

Outstanding Junior Award placed fifth in the state Agricultural Issues Career Development Event and was in he top ten for Nationa Livestock Judging

After graduation from high school, Sarah plans to attend a community college and hen transfer to Michigan ate University to stud equine science.

## Region 2: <br> Jamie Buechele

Blissfield

As a child Jamie Buechele remembers visiting her grandmother's village flower shop. After Jamie joined the FFA, she decided to make cut flower production part of her SAE. Jamie also raises dairy feeder calves, feeder hogs and chickens all of which she exhibits at the Lenawee County Fair.

Now Jamie's mother and aunt are in the contemporary flower business. They have a greenhouse in Jamie backyard. During the summer, Jamie helps with planting, delivering and watering. Jamie said, "I have learned customer service skills. I have also learned to interact with and accept customers and no matter what put on a happy face."
Jamie joined the FFA her freshman year in high school She said, many skills, such as team interacting, speech writing and talking to people. It has taught me to accept people for who they are. She currently serves as chapter president.

After graduating from high school in 2005, Jamie plans to attend Western or California State University to study theater, music or performing arts.

Region 3: Jennifer Jacobs
Chesaning

Since Jennifer Jacobs was seven years old, she has been showing Jersey Dairy Cattle. Jennifer shows her Jersey Cows at the Shiawassee County Fair and the Michigan State Fair. She also shows Hampshire cross market lambs at the Saginaw County Fair
Jennifer said, "My SAE has taught me a lot of responsibility. I've learned that having market lambs takes a lot of patience because sometimes they just don't do what you want. I'v learned that it takes a lot of hard work to raise animals.
"I began raising market lambs after I joined FFA. My grandparents always told me stories about the lambs they use to have, so I wanted to start a market lamb project," explained Jennifer
Jennifer said, "The FFA has taught me that there is mor to life than just going to college and getting a good job. Thas shown Jamie that throughout life, there will luray be aned for Jenniferwas chosenas Chapter Star Greenhand. Chapter Star Greenhand proficiency award in dair production Jennifer has prodended the nation IFA convention and the FFA convention

After graduating from high school, Jennifer plans to join the Army.

## Region 4: Caite Lyon

Mason

Growing up on her family horse farm, Caite Lyon began a SAE project in Equine. She currently has even horses and enjoys showing them in gymecota (speed \& action).

Caite participates in flag events, barrel racing and pole bending. She shows at the Ingham County Fair each summer

Caite said, "I have learned many things from my SAE hrough hard work. Iam esponsible for feeding before and after school. have learned the proper grooming techniques and how to handle an animal hat is much larger then mealso thave to manage my money with tack and show fees or else I can't afford my animals.

Caite's father showed horses, so ever since Caite can remember, there has been horses at her house.

Caite first became involved with the FFA because of her friends. She said, "I have earned how to run maple syrup lines and how to mee new people."

After graduation from high chool in 2006, Caite hopes to attend Michigan State University to study Veterinary Medicine.

## Region 5: Joel Arends

Ravenna

Joel Arends from the Ravenna FFA Chapter is no stranger to agriculture. Joel currently owns 13 breeding ewes of which he raises and sells their lambs in the spring as club lambs. Joel also has shown Angus/Simmental steers for three years.

Joel's father raised sheep when he was younger so naturally Joel started his flock at a young age. Joel explained, "My SAE has taught me how to manage a sheep flock efficiently. Between lambing and breeding seasons, it has taught me to choose the best rams to breed my flock to and how to choose the best lambs to be shown. It has also taught me that feed quality and quantity are very important items to know when raising sheep.

Joel joined FFA after enrolling in an exploration class in middle school, which was taught by his
agriscience teacher, Mrs. Block. Mrs. Block said, "Joel is one of the finest FFA members I have worked with. He is a "star" in every sense of the word. His SAE is exemplary and his attitude is top-notch. You won't find a nicer young man.'
"The FFA has taught me many useful techniques that help me with my SAE and provide me with knowledge on how to perform safe
environmental agriculture practices," said Joel.

After graduating from high school joel plans to attend Michigan State University and study animal science.

## Region 6: Hannah Buechler <br> stephenson

Hannah Buechler, a freshman at Stephenson High School, has been active in the FFA for the past two years. After her mom told her how fun the FFA told her how fun the FFA become a member of the Stephenson FFA Chapter.

Hannah has many SAE projects including raising sheep, horses and hogs and sheep, horses and hogs Christmas tree farm. However, her favorite project raising and showing market lambs at the county fair and the Upper Peninsula State Fair, which she has done for the past nine years. Her advisor, Mrs. Wehner, Her advisor, Mrs. Wehner, her to start raising lambs. After winning Grand Champion at the count fair, Hannah was hooked

Hannah said, "My SAE has taught me to work with others and to keep going and never give up no matter what happens. If you keep trying, something good will always happen."

Each morning Hannah feeds her animals before school. After school, she feeds, waters and walks them.

Hannah has received he Discovery Degree and attended the Michigan State FFA Convention. She served as the 2003 2004 Jr. Secretary and will serve as a junior officer for the up-coming year.

Besides being involved in FFA, Hannah plays basketball each fall.





## 's National Finalists

The national FFA convention s by far the premier FFA event that celebrates the continued effort of FFA members from across the country to develop the potential for premiere eadership, personal growth and career success.

Seven Michigan FFA
members and 20 FFA
hapters have been
selected as national finalists and will represent the state association at the 77 th association at the 77th October 27-30th in Louisville, Kentucky. The following FFA members and chapters members and chapters avetanding achieved for on the national level.

## Star In Agriscience

Jeremy Glaspie, Springport (National Finalist)

## FFA Proficiency Awards

Agricultural Mechanics Tim Zook, Lowell

Ag Sales - Entrepreneurship Alicia Lauren First, Dowagiac

Ag Sales - Placement

Agricultural Services Braidie Butters, Homer (National Finalist)

Aquaculture
Amanda Mengel, Dowagiac
Beef Production
Evan Boehmer, Olivet
Dairy Production - Entrep Mary TenBrink, Coopersville

Dairy Production - Placement Kristopher Fry, Mason
iversified Ag Production . Pete Bush, Saint Louis (National Finalist)

Diversified Crop Production Nathan Baker, Waldron (National Finalist)

Diversified Horticulture William Groenink, Coopersville

Diversified Livestock -Entrep. Anthony Karhoff, Corunna

Diversified Livestock - Place. Aaron Preston, BACC

Equine Science - Entrep Jennifer Brorson, Sanilac

Equine Science - Placement Mackenzie Smith, Montague

Forage Production
Jason Maust, Lakers
Fruit Production Laura Rasch, Lowell

Grain Production - Entrep. Jordan Pincik, Corunna

Home/CommunilyDeveboment Stacie Schultz, Montague Carrie Umlauf,
Oakland Tech-Southwes

Nursery Operations Kristopher Willis, Sanilac

Outdoor Recreation Levi Martindale, Corunna

Sheep Production Samantha Ross, Saint Louis

Small Animal Production Katie Licht, Laker
specialty Animal Production Lindsey Harmon, Laper County
specialty Crop Production Sara Stecker,
Unionville-Sebewaing
Swine Production-Entrep. Doug Albright, BACC

Turf Grass Management Jacob Riske, Springport

Vegetable Production Rebecca Titus, Dansville (National Finalist)

National Chapter Award
Byron, Corunna, Sanilac,
Springport, Laper Count Ed-Tech Lowell Olivet Unionville-Sebewaing Area Bronson and Montag Ar

The Byron and Corunna FFA Chapters have been Chapters have been National FFA Model of Innovation Program.

## Career Development Events

Ag Communications Fremont

Ag Issues Forum
Breckenridge
Ag Mechanics
Lapeer PM

## Ag Sales

Branch Area Career Center
Agronomy
Laker
Creed Speaking Courtney Neubaver, Montague

Lowell
Dairy Cattle Handler's Greta Koebel, River Valley

Dairy Foods
Corunna

Laker
Extemporaneous Public Speaking
Johnny Verhaar, Laker
Farm Business Management
Perry-Morrice
apeer AM

Food Science \& Technology Perry-Morrice
orestry
Mason

Lowell

Job Interview
Julie Thelen,Saline
Livestock Evaluation
Sanilac
Marketing Plan
Lowell
Meats Evaluation/Technology Bronson

Nursery/Landscape
Lapeer AM
Parliamentary Procedure Centreville

Poultry Evaluation Laker

Prepared Public Speaking Aaron Preston, BACC

## National FFA Band

Caitin Dickerson, Sand Creek Gabriel Holdwick, Harbor Beach Jennifer Johston, Hastings Michael Koglin, Ubly April Mellgren, Stephenson Paul Mellgren, Stephenson Erika Schroeder, Hastings

## National Chorus

Caitlin Lorenc, Benzie Central Haley Smith, Bronson


Congratulations and best of luck to Michigan FFA members as they Kick it Up A Notch for the national convention.

For more information regarding the 77th National Convention check out: http://www.ffa.org convention/index.htm

FFA members preparing for their future in the College of Agriculture and Natural Resources


Whole new fields of expertise in agriculture and natural resources are emerging. Today, new career opportunities are available in areas as diverse as animal genetics, food packaging and marketing.

## The MSU College of Agriculture

A recent study forecasts that the number of job openings in the agriculture and natural resource industry will exceed the number of qualified graduates every year through 2005.

## and Natural Resources

Thus, the ANR industry is looking for skilled graduates to generate the value-added products that contribute to our country's growth. It needs trained professionals to take on the challenges of tomorrow
has its sights set on the future.
In return, the ANR industry offers an exceptional lineup of rewarding and challenging careers. In fact, dynamic new opportunities are emerging in all sectors of the industry.

Your future.
Discover the College of Agriculture and Natural Resources at Michigan State University, and acquire the tools you need to help make the best decisions for your future.

MICHIGAN STATE
UNIVERSITY

Interested in expanding your horizons, check out: http://www.canr.msu.edu/dept.htm

