

## Midwest Grape and Wine Industry Institute

May Updates  
2013

### Institute Staff

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*Director*

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*Office Manager*

**Stephanie Groves**

*Research Associate*

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*Research Associate*

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*Research Winemaker*

**Mike White**

*Field Specialist-Viticulture*

### Research, Quality, Training

The Midwest Grape and Wine Industry Institute was formed as a result of the state's evolving grape & wine industry.

Goals of the Institute include:

- Conduct research to evaluate cold-hardy grape varieties that can thrive in the Midwest
- Conduct enology research
- Assist with implementation of the Iowa Quality Wine Consortium (IQWC) - a quality-assurance stamp of approval program
- Establish an outreach program to the industry by training a team of specialists
- Partner with community colleges to develop job training programs specific to growing grapes and making wine

### Midwest Grape and Wine Industry Institute

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*Helping support the state's evolving grape and wine industry, because the potential economic opportunities in wineries, value-added agriculture and tourism are limitless.*

### Research



*Jennie (L) with faculty advisor Dr. Cheryl Reitmeier (R)*

- La Crescent Varietal Research: Jennie wrapped up year 2 of panel research and is currently analyzing data
- [Northern Grapes Project](#)
  - Jennie and Stephanie visited the ISU Horticulture Farm to tag vines for this

season's collection of data for the sugars/acids research objective.

- Staff assessed research wines sent from partners in South Dakota
- A GC/MS with olfactory port has been purchased which will allow MGWII to analyze the unique flavor and aroma profiles of cold hardy grapes. The units will be installed in June.

### Outreach

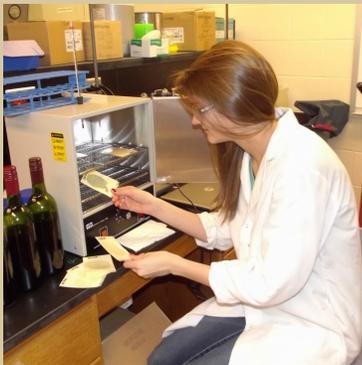
- Justin visited wineries that requested winemaking guidance and advice
- Murli and Tammi met with members of the Minnesota wine industry who are interested in creating their

own wine quality assurance program

### **IQWC program support to Iowa Wine Growers Association**

- After passing the sensory analysis test conducted on May 22, four people were invited to join the tasting panel pool.
- Work has begun on a new database system which will allow the Institute to better manage and organize IQ related information
- 16 samples underwent laboratory analysis
- A sensory panel was conducted to evaluate submissions that passed laboratory testing

### **Lab activities**



*FSHN student, Daniel Foss, gets hands-on experience and an hourly wage working as a MGWII lab assistant*

- Stephanie continued implementation of the new microbial services program which includes on-site

sanitation reviews with microbial testing

- Chemical analysis services continued as usual

### **Personnel**

- Steph had a journal article, "Evaluation of hardboard manufacturing process wastewater as a feedstream for ethanol production" published in the Journal of Industrial Microbiology and Biotechnology

### **Expanding our knowledge**

- Jennie received a \$1000 ASEV Eastern Section student scholarship to aid in her Master's research

### **Teaching**



*Murli (R) with Nicolas Feuillatte (L) of Oliver Abgueguen Insitute Oenologique de Champagne*

- Murli was invited to accompany two ISU faculty members to assist with development of a student study abroad course in France and Italy

### **Coming up...**

- Preparations have been finalized for "An Introduction to Wine Microorganisms: *The Good, the Bad, and the Ugly*" Tuesday, June 11th, 8 am - 4 pm. Registration is nearly full! Details [HERE](#)
- The next MGWII advisory board meeting will be on Friday, June 14<sup>th</sup>. Meetings are open to audit by all interested parties. Please contact us if you would like to attend.

... and justice for all

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