



# Brother Rice Fact Sheet



## Science

**Michael Hoch,**  
Science Department Chair



Started at Rice: 1981  
BS in Biology, Minor in Chemistry  
and Education University of Detroit  
M Ed Wayne State University  
30 hours beyond Masters,  
lacking research for PhD  
Teaches Biology, Organic Chemistry,  
Anatomy & Physiology

**Bob Barnes**



Started at Rice: 2006  
BS Mechanical Engineering from  
the University of Michigan  
MS Engineering from  
the University of Michigan  
MBA from the  
University of Michigan  
MAT pending 2008 from  
Oakland University  
Teaches Physics &  
Conceptual Physics

**Leslie DeSimone**



Started at Rice: 2000  
BS Biological Sciences from  
Wayne State University  
BA English Literature from  
Wayne State University  
Minor in Chemistry  
MSA from  
Central Michigan University  
Teaches Chemistry



### Science Department Faculty belong to:

- National Association of Biology Teachers
- American Association for the Advancement of Science
- National Science Teachers Association
- Michigan Science Teachers Association
- American Association of Physics Teachers
- Detroit Metro Area Physics Teachers

### Special Activities both in & outside the classroom:



- Gravestone Project
- NASA Video Conference
- Tech Day at the University of Detroit/Mercy
- Field Trip to Johnson Controls
- Navy Seals guest lecturer on Gas laws
- Open House



There are 563 student taking Science courses during the 2009-10 school year. Whereas only two credits in Science are now required for graduation, 90+% of our students graduate with 3 or more credits in Science, sometimes 5 or 6.

The following courses are offered by the Science Department:

Global Science

Earth Science

Biology

Honors Biology

AP Biology

Chemistry

Honors Chemistry

Chemistry in the Community

AP Chemistry

Organic Chemistry

Physics

Honors Physics

Conceptual Physics

AP Physics

Anatomy & Physiology



**Pam Ingrody**



Started at Rice: 2007  
BSME University of Michigan,  
Dearborn  
MSME University of Michigan  
2005 Secondary Certificate  
Licensed Professional Engineer,  
State of Michigan  
Teaches Physics and Math

**Ray Kossakowski**



Started at Rice: 1991  
Has been a teacher for 32 years  
BA Biology from Wayne State  
BA Anthropology from  
Wayne State  
Teaches Biology, Chemistry,  
Earth Science, Global Science

**Bob Riker**



Started at Rice: 1998  
BA Central Michigan University  
MAT Wayne State University  
Teaches Biology, Chemistry,  
Conceptual Physics