

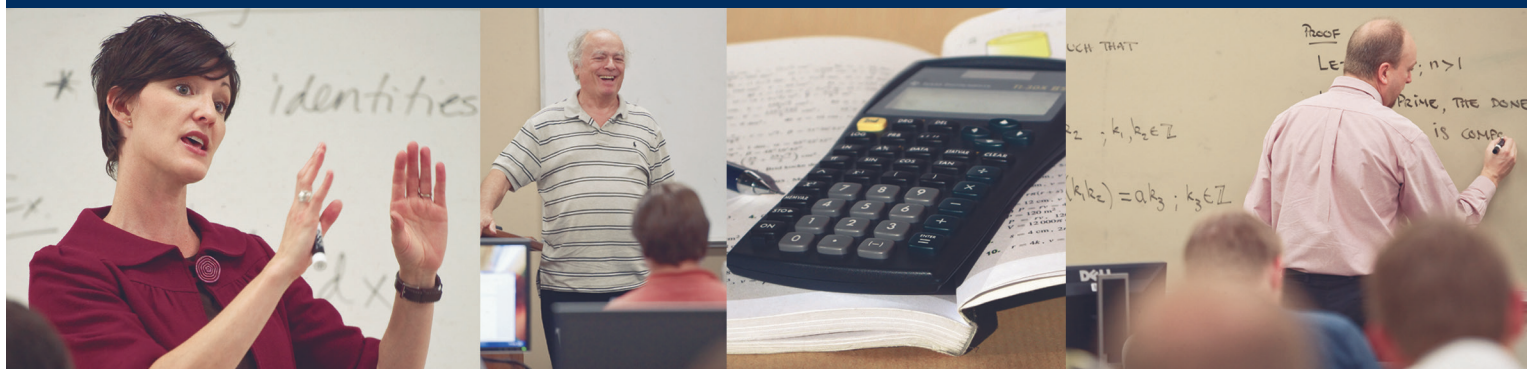


## ORU COMPUTING AND MATHEMATICS GRADUATES OF 2014

As we completed our first semester as an independent Computing and Mathematics Department, we had nine students graduate this year, two students with summa cum laude, two with magna cum laude, and two cum laude. Brian Huene was selected as Outstanding Computer Information Technology Student. Kathryn Crosby was selected for Outstanding Senior Project for her research in Stellar Cluster Evolution. Jacob Gernert was selected as the Outstanding Mathematics Student, Outstanding Computing and Mathematics Student, and Outstanding Student for the College of Science and Engineering.

2014 ORU COMPUTING AND MATHEMATICS  
GRADUATES AND FACULTY

## ORU COMPUTING AND MATHEMATICS NEWSLETTER AUGUST 2014



**We're back!** As many of you are probably aware, in 2010 the Computer Science and Mathematics Department and the Engineering, Physics, and Physical Science Department merged to form the Engineering, Computer Science, Physics, and Mathematics Department. We're glad to report that since January 2014, we have now become two departments again, the Engineering Department and the Computing and Mathematics Department.

## MAJOR NEWS

As a new department we now offer six majors, including three new ones that are official this fall semester: Computer Information Technology (our biggest and fastest growing major), Mathematics and Mathematics Education. The three new majors are Mathematics Preactuary, Mathematical Physics, and Mathematical Finance.

For the future, we have started to discuss offering continuing education programs in computing and mathematics such as Computing for Business, Business Mathematics and Economics, etc. Feedback from Alumni and other partners is being solicited.

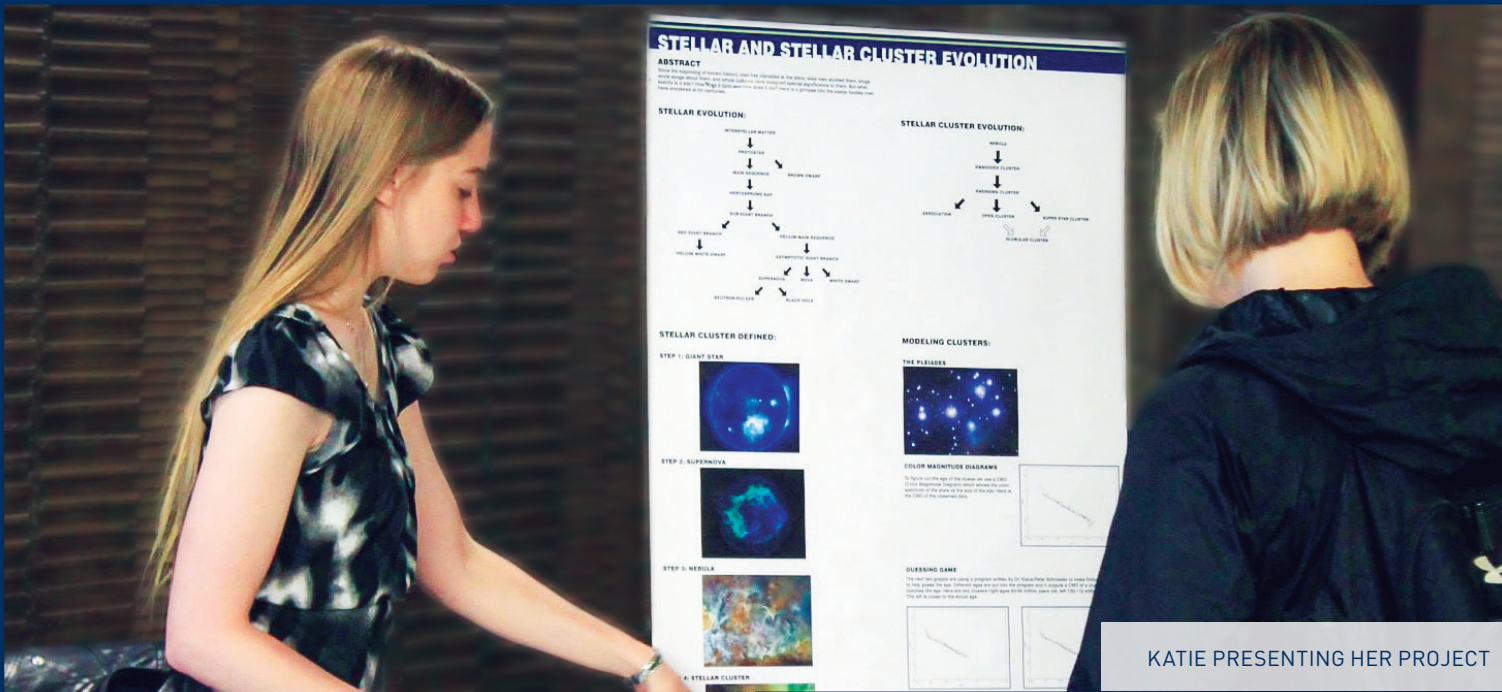
## IN MEMORIUM | DR. VINCENT DIMICELI

It is with great sadness that we report here the loss of our dearly beloved professor Vincent Dimiceli who went home to be with the Lord this past year. Dr. Dimiceli was recognized at this year's hooding where we presented his family with a memorial which is now on permanent display within our department. Dr. Dimiceli and the joy he brought to our department will be sorely missed.





## 2014 OUTSTANDING SENIOR PROJECT



KATIE'S 3D MODEL OF THE PLEIADES



KATIE'S 3D MODEL OF THE PLEIADES  
BACKLIT USING AN IPAD

### Kathryn Crosby Stellar and Stellar Cluster Evolution

Building on her research experience in Mexico last summer, Katie produced an outstanding senior project modeling the ages of stellar clusters and was selected for the Outstanding Senior Project for the department. She also produced 3D models of the Pleiades and printed them out of the ORU 3D printer.

## DONATIONS

If you would like to donate directly to our department instead of the general university fund, please contact us directly and we'll make sure that your donation is used 100% towards enhancing the educational experience of Computing and Mathematics students at ORU.

## FACULTY NEWS

Dr. Debra Sowell is currently on sabbatical though she continues to support the Provost's office in various tasks. Mr. Dan Ward continued to serve as departmental senator. Dr. Enrique Valderrama oversaw the development of the new Mathematical Physics major and assumed the role of faculty advisor for all mathematical physics students. He also made several academic presentations, published a peer reviewed conference article, and supervised an undergraduate research project in nanotechnology. Dr. Andrew Lang started serving as Chairman in January 2014. He continues to serve on several university committees, is the advisor for several majors, is the advisor for the prestigious Marshall scholarship, and is still active in the larger academic community, including writing several grant proposals, collaborating with researchers around the globe, and supervising four students in his undergraduate research group. Mrs. LeighAnne Locke serves on several university committees and is the lead for college algebra curriculum development using a global student worldview. Dr. Kenneth Preston is the lead professor for computer information technology and continues to recruit and retain students in this area. He also continually reviews and revises the CIT curriculum as the material that needs to be covered changes constantly. He was also selected as the Outstanding Computing and Mathematics Department Faculty Member of the Year. Mr. Bob Steward continues to serve the department faithfully while pastoring Love Heals Church.

Our department welcomed a new faculty member, Mr. J. Bryan Osborne to our department beginning this Fall Semester. He is an instructor of Computer Information Technology.



<http://goo.gl/096lwq>

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