The department would like to welcome the following new faculty who joined in Fall of 2009.

- Dr. Albert Chi: Tenure Track Assistant Professor.
- Dr. Anthon Swami: Visiting Lecturer and he will be teaching four sections of Math 101 course this semester. His office is in 1112 Kiah Hall.
- Ms. Manal Elbeshir: Visiting Lecturer.
- Dr. Satish Penmetsa will join the department in the Spring 2010 as a Tenure Track Assistant Professor.

The Articulation Agreement between UMES and Delta State Oil Production Areas Development Commission (DESOPADEC) was established on July 2009 with the following objective:

- Enhance the social and economic development of the Delta State through Human Capital Development.
- Foster collaboration in programs such as: BS and MS degrees and Short-term certificate programs, particularly in Engineering, Health Professions, the Sciences, and Agriculture, Food and Resource Sciences.

Under the agreement 102 students will be arriving at UMES in Spring 2010. Out of these, 16 undergraduate Computer Science, one Mathematics, and 21 other students will enroll in MS (Applied Computer Science APCS) in our department.

The Department of Mathematics and Computer Science is preparing for accreditation of Computer Science. The Industrial Advisory Council is one of the constituents (for the assessment of undergraduate degree program) that forms a part of accreditation of Accreditation Board of Engineering and Technology (ABET).

The first Industrial Advisory Council for Computer Science Program met on Sep 2007. The second meeting took place in fall 2008. The third meeting was held at 9:00AM in Henson Center on Nov 06 2009.

- Mr. Rakesh Sharma has moved to room 1136D.
- Dr. Daniel Seaton has moved to room 1110.
Important Dates for Winter & Spring of 2010

- December 28: Add/drop for winter 2010 begin
- January 4: First day of class
- January 11: Reopening of SPRING 2010 registration
- January 11: Drop Period Ends
- January 12: Withdrawal Period Begins
- January 19: Withdrawal Period ENDS
- January 22: Last day of class/Exams
- January 25: First day of class for SPRING 2010
- February 12: Registration and Add period Ends
- February 15: Drop Period Ends
- February 16: Withdrawal Period Begins
- March 8-12: Mid Term Exams
- March 14-21: Spring Break for Students
- April 5: Course selection (Summer/Fall 2010) Graduates and seniors only
- April 8-16: Course selection (Summer/Fall 2010) All Students
- April 9: Withdrawal Period ENDS
- May 12: Last Day of Class/Last Day to Withdrawal from the University
- May 14-19: Final Exams
- May 21: COMMENCEMENT

Faculty Activities

Publications


Research Papers Accepted/Presented

- Williams, Mark; Sims, Hunter, Mazumdar, Dipanjan; Butler, William H, paper "Effect of 3d-transition metal substitution on the electronic properties of CrO2" has been accepted for publication in the Journal of Applied Physics.

Conferences / Workshops

- Dr. Candice Ridlon attended the 31st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematic Education, which took place from September 23-26, 2009 in Atlanta, Georgia.

- Dr. Candice Ridlon and Daniel Seaton attended the Quality Education for Minorities (QEM) Network workshop on “Strengthening Teacher Education in Mathematics” from August 28-29, 2009 in Jackson, Mississippi.

- Dr. Ojiabo Ukoha attended a workshop on Increasing Student Success in Developmental Math organized by The National Center for Academic Transformation on October 16, 2009, in Nashville, Tennessee.

- Dr. Mark Williams finished his fifth summer of research at the Materials for Information Technology at the University of Alabama in Tuscaloosa, Alabama. He did research in theoretical and computational physics under the umbrella of material science. This summer’s research resulted in the paper "Effect of 3d-transition metal substitution on the electronic properties of CrO2" for the forthcoming Joint Intermagnetics and Magnetism and Magnetic Materials conference to be held in Washington, D.C. in January 2010.
Students News & Activities

⇒ Angelique Montgomery, a Mathematics major, worked this summer with Dr. Tim Mewes, Assistant Professor of Physics at the University of Alabama, on developing computer simulations of various micro-magnetic phenomena. Dr. Mewes was very impressed with her work and has asked her to return next summer to continue this work. This research was funded by NSF and it was one of the benefits of Dr. Williams work with the Mint center at University of Alabama.

⇒ To provide students with access to academic services and promote student success and retention, the Center of Access and Academic Success is sending tutors to foundation courses classes Math101 and Math 109.

⇒ The Department’s reception for the graduating Seniors was held on Thursday, December 10, 2009.

⇒ Thank you to all CSDP 100 students for their services in the department.

⇒ The Math and Computer Science Club held a Krispy Kreme Donut Fundraiser in November 2009.

Senior Presentations @ Math Fun Day

Presentation : 3. 4. 5!
By Samia Ahmed

Presentation: Pascal’s Triangle
By Adonis Ajayi

Presentation: 4th Dimension
By Roy Bailey

Center for Access & Academic Success

This initiative has been put into place to provide all UMES students with access to online tutoring, 24-hours a day, beginning Spring 2010. Faculty & staff are invited to attend one of three Q & A sessions about the program with our SMARTTHINKING representative on Thursday, January 14, 2010.

9:00 - 11:30 am    Student Services Center     Room 2147
1:00 - 2:30 pm    Student Services Center     Room 2147
3:00 - 4:30 pm    Student Services Center     Room 2147

For more information contact Wanda Anderson (410-651-8420) with questions, etc.

⇒ Logging On
Go to www.smarthinking.com
Enter your UMES email address for the Username and UMES for the password.
Once you have logged on, you will be taken directly to your SMARTTHINKING Home Page. Sign in this way whenever you need help from a tutor!
**M.S. Degree in APPLIED COMPUTER SCIENCE:**

The graduate program in Applied Computer Science (APCS) culminates in a Master of Science (M.S.) degree. It is designed to meet the needs of students such as:

- Those who are already in the workforce and wish to update or improve their knowledge of current computer science (many of these students have completed their undergraduate or graduate work in fields other than computer science); and
- Those who have recently completed an undergraduate degree in computer science or a related discipline and wish, at the graduate level, to increase their understanding of computer science and its application in their field.

**Students need** a minimum of 32 credit hours to graduate from the program, not including any Provisional Admission requirements. All courses that are to count towards graduation must be passed with a minimum grade of “B”, and students must also pass at least five of these courses with a grade “A”.

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**Math Fun Day  On Tuesday, Nov 10, 2009**

“What am I ever going to use this Math for”? The Math Department at UMES is determined to help students answer that question for themselves. On November 10, 2009 they hosted “Math Fun Day” from 9AM to 12:30 PM. Nearly 100 students from all disciplines got hands-on experience as math majors Adonis Ajayi, Angeline Montgomery, Roy Bailey, and Samia Ahmed presented their Senior Seminar papers.

There were different activities, including playing magnetic games, experiencing the beauty of the Pythagorean Theorem, origami, and lots more!

Finally, they watched an animated video about the Platonic solids, and Joanna Riccobono taught them to make an origami cube or dodecahedron. The day finished with a lunch of pizza pi (π).