

Department of Mathematics & Computer Science

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Pixel Newsletter



Message from the Chair

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Welcome to the Department of Mathematics and Computer Science at University of Maryland Eastern Shore. The Department offers a full range of undergraduate mathematics and computer science courses both for its majors and for service to almost every other University department. The department also provides a graduate degree in Applied Computer Science. Majors in mathematics prepare students who wish to pursue careers in statistics actuarial science, secondary mathematics education and graduate study in Mathematics or statistics. Computer Science profession is exciting and challenging disciplines due to continuous emerging of new technology and as such creates many opportunities and responsibilities for us to be a leader in these disciplines. Recent years

have seen a tremendous pace for technological advances in computer-allied fields, and it is essential that the graduates should be prepared to work in software aspects of computing for different application domains in this changing environment. The Bachelor of Science in Computer Science is designed to provide an accredited course of study. The Department is committed to educate students for the professional practice of Computer science by offering practical-oriented undergraduate program that encourage lifelong learning, foster teamwork and leadership and promote creative discovery. I am confident you will choose our department for your career and I will be personally working with you through your graduation to make sure that you get appropriate knowledge and skills within your



Dr. Gurdeep s. Hura

chosen program to your expectations and employment or higher education opportunities.

Pixel Newsletter Editorial Board

- Ms. Manal Elbeshir
- Mr. Rakesh Sharma
- Sundeep Pola (Graduate Student)

Welcome: Our New Faculty

The department would like to welcome the following new faculty who joined in Fall of 2008.

Dr. Candice Ridlon
Ph.D. Mathematics Education

Dr. Chin-Chieh Chiang
Ph.D. Computer Science

Dr. Jianhua Yang
Ph.D. Computer Science

Dr. Albert Chi
Ph.D. Statistics

Ms. Manal Elbeshir
M.S. Computer Science

Ms. Manal Salamabi
M.S. Computer Science

Ms. Joanna Riccobono
M.S. Math Education



Important Dates for Spring 2009



- Jan, 5 Acceptance of Application for Degree - May Commencement
- Jan, 19 Registration Re-opens/ADD and DROP Periods BEGIN
- Jan, 26 First day of class
- Feb, 6 Add Period Ends
- Feb, 9 Drop Period Ends
- Feb, 10 Withdrawal Begin
- Mar, 9 Mid-Term Exams
- Mar, 16 Spring Break
- Mar, 20 Mid-Term Results due
- Apr, 6 Course selection for fall 09(graduate and seniors only)
- Apr, 7 Course selection for sum, fall 09(juniors and sophomores only)
- Apr, 8 Course selection for sum, fall 09(Freshmen only)
- May 12, Last day of class
- May, 13 Final Exams Begins
- May, 19 Final Exams Ends

Department welcomes Drs. Hassan & Zhang



I. Dr. Norihan Abu Hassan from College of Science and Technology, University of Technology Malaysia, will be in our department as a Fulbright Scholar during Spring 2009. She will focus her research on addressing the concern in USA and Malaysia over the assessment of Mathematics achievement among the students and postsecondary education to reach adequate level of proficiency.

II. Dr. Yongzhong Zhang, Chair of national level projects and currently working on two national projects that are supported by Chinese Government. Computer Science Department, Shanghai TV University, China will be in our department as a visiting Research Scholar during Spring 2009. He will be collaborating with Dr. Jianhua Yang in the research areas of internet computing, and on-line teaching. Dr. Zhang published a large number of publications and has finished five

Information System Degree Program



The department currently is developing a new undergraduate degree program, (to be accredited by Accreditation Board of Engineering and Technology: ABET) Information System, in collaboration with IBM. It will also offer minors in business accounting and marketing, engi-

neering and technology. This degree program will replace the existing Computer Science with Business concentration. It is hoped that this new Information System program will be offered initially in the Fall 2009 Semester, pending approval by the University and MHEC.



Congratulations..... Graduates FALL 2008

Bachelor of Science in Computer Science

1. Tyrik Rashawn Brown
2. Robert Vincent Brummell
3. Edmund Aboagye Duncan
4. Andrew Jeremiah Graham
5. Chenesse Nicole Lee
6. William Ntirenganya

Bachelor of Science in Mathematics

7. Lisa Anne Chance
8. Celin Cornet

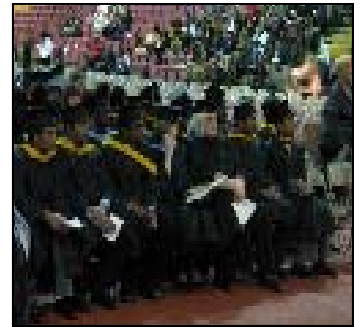
Bachelor of Science in Mathematics Education

9. Karen S. Leung

Master of Science (Applied Computer Science)

10. Priyanka Alluri
11. Sumana Amaravadhi
12. Srikanth Reddy Busanagari
13. Prasanth Chagarlamuri
14. Ravikanth Reddy Chavva
15. Rakesh Chitturi
16. Shravan kumar Gottimukula
17. Madan Babu Gowrla

18. Siddig Mustafa Ismail
19. Sunil Raj Kadiyala
20. Hari Krishna Kakarala
21. Mukubi Darius Katowa
22. Veeranjanyulu Malempati
23. Prasanth Miriyala
24. Sudath Munasinghe
25. Onkar Arvind Naik
26. Sneha Reddy Nalla
27. Naveen Kumar Pallepati
28. Pradeep Parvataneni
29. Amit Sharma
30. Nagaraju Sriram
31. Sandeep Suram
32. Sundeep Tatineni



Research Day @ Annapolis on Feb 28, 2008

The University System of Maryland (USM) Student Council and Council of University System Faculty hosted their annual "Annapolis 101" day of student advocacy and undergraduate research on Thursday, February 28, 2008. From 10 a.m. to 5 p.m., undergraduate students and fac-

ulty representing the system's 11 universities presented posters representing the results of the students' various research projects. "Undergraduate research conveys the active, engaged, and collaborative nature of learning on our campuses," said USM Chancellor William E. Kirwan.

"When our state's leaders and policymakers see the breadth and depth of the research conducted by our undergraduates, they can better understand how the state's investment in higher education is transforming young lives today and making Maryland's economic future even stronger."



Hawk 2 participate in Collegiate Programming Contest

Two UMEs C++ programming teams, Hawk 1 and Hawks 2, participated in Colligate Programming Contest that was held on October, 11 2008. The team members had the opportunity to exchange ideas and information of computing with

the other 23 schools in Eastern Region. The contest was very competitive in solving the challenging problems is a tight time frame and our teams performs very well in the contest. It is a rewarding experience to our

teams," Said Dr. Chin-chieh Chiang, the team coach and the advisor of the Math and Computer Science Students Club.

From left to right: Mr. Andrew Graham, Dr. Chin-Chieh Chiang (team coach), Ms. Lorena Harper and Mr. Byron Johnson.





Contact us @

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We are on the web
www.mcs.umes.edu

Our Mission is to:

- *Attract and retain well qualified faculty who care about the students, their success and advice them accordingly
- *Develop and implement up-to-date practical-oriented curriculum that provides a balance between theory and practice
- *Develop and maintain the laboratories, computing facilities and class room instructions at par with any Math and CS programs in nation.
- *Provide co-curricular opportunities for students via participation in student programming and design competitions, mathematical skills, professional students organizations and pre-professional employment
- *Encourage undergraduate and graduate students to participate in inter-disciplinary research activities and industry-funded design projects
- *Develop and maintain internship and cooperative opportunities for students
- *Develop and maintain mutual cooperation and partnership with area industries

Summer Transportation Institute UMESSTI

University of Maryland Eastern Shore Summer Transportation Institute (9th and 10th graders), is a four-week summer program provides activities that create awareness and stimulate interest in the vast opportunities that exist for those persons proficient in the areas of environmental science, technology, engineering, computer science, and mathematics. The major areas studied are scientific and technical careers in the major modes of transportation (land, air, and water). Dr. Robert A. Johnson, Jr., serve as Program Director, Department of Mathematics and Computer Science. **More details will be given in the next Newsletter.**

ACTION Program offers free tutoring

Advanced Curriculum and Technology-Based Instructional Opportunities Network program provides awards to build the science, technology, engineering, and mathematics (STEM) education and research capacity at Historically Black Colleges and Universities (HBCUs) as a means to broaden participation in the Nation's STEM workforce. Support is available for Implementation Projects, Planning Grants, Education Research Projects, and Targeted Infusion Projects. Dr. Robert A. Johnson, Jr. serve as Program Director. **More details will be given in the next Newsletter .**

The ACTION program offers free tutoring to all students, the ACTION tutors will be located in the basement of Kiah Hall beginning the second week of classes. The ACTION tutors will tutor the following subjects; **Math 109, 110,111, 112, 210, 232, 309,321, Biology, 111, 222, 231, 301, 303, 111/H, 112/H, 113/H, and 114/H, Chemistry 111 and CSDP 222, 301, and 332.** "Their flyers will be located on the large bulletin board in Kiah Hall on the first floor and all over campus, so look for our flyers" said Mrs. Linda D. Baines.

Mathematics and Computer Science Club

What the club is about.

The objective of the Mathematics and Computer Science Club (MCS) is to help foster interest and scholastic aptitude in the fields of math and computer science through student participation in activities.

MCS club can offer you.

- **LIBRARY RESOURCE:** The club maintains a collection of textbooks that may be reference by members in the club office.
- **TUTORIAL ASSISTANCE:** Members can offer assistance to each other in subjects of Math & Computer Science
- **CONTACT & MEMBERSHIP INFOR-**

MATION: to organizations related to math and computer science

- **INFORMATION:**
 - On career opportunities in Mathematics and Computer Science
 - Areas of study and applications
 - Graduate school opportunities
- Current research being conducted

