



Vinculum

A newsletter of the College of Integrated Science & Technology

Volume 3, Issue 3

Collaboration
Integration
Support
Achievement
Teaching

These are the goals and values that CISAT strives to espouse.

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Vinculum, meaning a bond or tie, is derived from the Latin *vincire*. This represents the many connections among our programs, faculty, and students.

Spring may really be just around the corner and, as with the seasons, things in our College continue to grow and evolve. Our on-campus readers are aware of the recent changes in some of the College's administrative personnel, but I would like to take this opportunity to review and go more in-depth regarding the changes.

First, Dr. Sharon Lovell was appointed by the Provost as an Associate Dean for the College of Integrated Science and Technology. Dr. Lovell had previously served as the Associate Dean for the College of Education and Psychology and later as Interim Dean for the College of Education. Dr. Lovell's academic background and home is in Psychology – specifically Industrial/Organizational Psychology. Dr. Lovell represents the strong connections CISAT has with the College of Education and the important role our faculty and students play in teacher education. Not only are we integrally involved in science/math/technology education; we also support programs in speech language pathology and physical and health education teacher education within our College. Dr. Lovell has been very active in the leadership of the Interdisciplinary Liberal Studies program and will continue to play an important role in this area. Dr. Lovell is also an alumnus of James Madison University and, as such, is the perfect person to provide College level leadership for expanded programs connecting with our alumni.

Dr. Stephen Stewart, formerly the Head of the Health Sciences Department, was appointed as

the Director of Strategic Alliances and Special Projects for CISAT. Programs in our College seem to be well positioned to take advantage of many of the opportunities available and emerging in today's world – e.g., inter- and multidisciplinary models in health care, human services, homeland security, ensuring a safe community, application of science and technology. Dr. Stewart's role will be to identify those opportunities that best fit the mission of our College and our academic programs and to establish the linkages for productive and strategic partnerships. A good example of this is a recent line of discussion. Through the Critical Infrastructure Project within the Institute for Infrastructure and Information Assurance (IIIA), we have been working with others in higher education, government and the private sector in addressing the complexities of homeland security and preparedness. Obviously, the individual person is the key to planning, being prepared, and, if needed, responding. Pursuing this avenue of research, education and collaboration will offer possibilities for greater interconnections of our health and human service programs with the science and technology programs in creatively addressing pressing needs of our society.

While as a College we are positioning ourselves to lead and participate in cross campus and institution opportunities such as these, we also recognize and continue to support those activities and excellent programs within our own College. Faculty and departmental leadership are crucial to these efforts, and, to this

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end, I would bring your attention to the appointment/arrival of two new department heads. Dr. Vicki Reed assumed her duties as Head of the Communication Sciences and Disorders Department as of the first of January. While Dr. Reed had accepted this appointment as the result of a search last year, her arrival was delayed to January as she finished up her academic responsibilities at the University of Sydney in Australia. Dr. Reed has extensive experience in program and departmental leadership and so she has hit the ground running here in CISAT. Based on a search conducted this past fall semester, Dr. Rob Koslow was appointed as Head of the Health Sciences Department. Dr. Koslow was, and continues to be, a faculty member in our Health Sciences Department and previously served in a department head role here at JMU. We are very fortunate to have two quality individuals such as Drs. Reed and Koslow with their rich backgrounds in these leadership positions.

Spring always seems to me to represent a time of renewal, new opportunities, and new possibilities. More than ever, I feel that way about our College. By all of us working together, we continue to position our programs so that we can present learning experiences of the highest caliber for our students, actively engaging all of us as an evolving learning community.

**Jerry Benson,
Dean**

JMU Nursing Student Association Wins State Awards

The JMU Chapter of the Nursing Student Association won the Most Active Constituent for the State of Virginia, The Community Service Project of the Year for the state, The Most Spirited Award, The Break-Through-To-Nursing Award given by Johnson and Johnson, and Stephanie Jenkins was selected as Student Nurse of the Year.

Haley Phillips was elected as graduate consultant to the Board, Christina Russell was elected as Public Relations Chairperson, Amanda Stroud was elected as Members-At-Large Chairperson, and Pam Weirich was elected as Second Vice President.



CONGRATULATIONS
to the
Student Nurses
Association

KUDOS to computer science and the nursing dept.

Four JMU computer science students won first place in the national Microsoft Windows Challenge Competition. The contest is designed to advance excellence in computer science and computer engineering education by having student teams from across the United States design and implement innovative prototypes that enhance human safety. Students must exhibit teamwork in the design, implementation and testing of a computer-based system. JMU's winning project, which netted the top award of \$4,000 from Microsoft, is an airport security checkpoint device designed to help protect the millions of people who fly every day. The device collects information from a passenger's boarding pass and uses a chemical sniffer to sense and identify potential high-security risks posed by baggage or passengers. The scanning is achieved with mobile handheld devices that would alert security staff if a passenger is on the government's suspicious persons list or is carrying dangerous substances. JMU and 15 of the Windows Challenge teams will go on to compete in the Computer Society International Design Competition, which is sponsored by the Institute of Electrical and Electronics Engineers. Members of the JMU team were Joshua Blake, Justin Creasy, Kevin Ferrell, and Marcus O'Malley.

CONGRATULATIONS to the JMU Nursing Dept. which has received approval from SCHEV for a Nursing Masters Program to begin in the Fall 2004.

GRANT AWARDS (December 2003– February 2004)

Institute for Innovation in Health & Human Services

Migrant Education Program Administration & Support: Jane Hubbell

Funding from the Virginia Dept. of Education

Technology Internship: Vida Huber

Funding from the U.S. Dept. of Energy

ISAT

Landscape as Text– Transect Virginia: Ronald Kander

Funding from the Virginia Geographic Alliance

DMME/WPA Wind Energy Projects: Jonathan Miles

Funding from the U.S. Dept. Of Energy

VA Small Wind Incentives Program: Jonathan Miles

Funding from the U.S. Dept. of Energy via VA DMME

Mine Action Information Center

MAIC-DOS Outreach Support: Dennis Barlow

Funding from the U.S. State Dept.

MAIC-2004: Dennis Barlow

Funding from the U.S. State Dept.



Dr. Joann Grayson Wins Virginia Outstanding Faculty Award

Governor Mark R. Warner announced in a ceremony at the state Capitol on January 21, that Joann Grayson, a professor of psychology at James Madison University, is one of 11 recipients of the TIAA-CREF Virginia Outstanding Faculty Award for 2004. The Outstanding Faculty Awards are the commonwealth's highest honor for faculty at Virginia public and private colleges and universities. The awards recognize superior accomplishments in teaching, research and public service.

This year the awards were funded by TIAA-CREF with a \$50,000 donation. Each recipient receives \$4,000 and a specially designed commemorative plaque from the State Council of Higher Education for Virginia, which administers the awards.

"It is because of men and women like these that Virginia boasts a higher education system that is the envy of the rest of the United States, and indeed the world," Warner said. "Our colleges and universities attract this outstanding intellectual capital that makes them economic engines for the entire commonwealth."

"Receiving a TIAA-CREF Virginia Outstanding Faculty Award is the highest

honor that a college or university professor can receive in this state," said JMU President Linwood H. Rose. "Joann Grayson personifies the scholar-teacher who is dedicated to her students and to her academic discipline."

Grayson was one of 86 faculty from 35 institutions nominated for the award. Recognized as an expert in the field of child abuse and neglect, she has served under three consecutive governors on the Advisory Board on Child Abuse and Neglect and received the board's Outstanding Leadership Award in 1993.

"Dr. Grayson has a long and distinguished career as a professor, clinical psychologist and as an advocate for the welfare of children," said Douglas T. Brown, provost and vice president for academic affairs at JMU. "Her work in preventing child and spousal abuse has been nationally recognized."

Grayson has testified before the U.S. House of Representatives' Select Subcommittee on Education and, in her 27-year career at JMU, has made more than 70 state, regional, national or international presentations. She has published more than 80 articles or book chapters and, since 1981, has been editor

and publisher of the "Virginia Child Protection Newsletter," which is distributed to some 12,000 agencies and individuals throughout the world.

Very active in her local community, Grayson received a major state grant in 1980 that enabled the Harrisonburg-Rockingham community to initiate 11 new child-abuse-related prevention programs. She was also a founder of First Step Inc., a shelter for battered women.

Students under Grayson's supervision have performed tens of thousands of hours of service-learning work — more than 9,000 last year alone — and are uniformly recognized for their superior professional preparation.

Grayson is the fifth JMU professor to win the award since its inception in 1986. Previous JMU recipients were: Dr. J. Patrick Rooney, Music, 2000; Dr. Joanne Gabbin, English, 1993; the late Dr. Elizabeth Neatrour, Foreign Languages, 1991; and Dr. Ralph Cohen, English, 1987.

Charles Culbertson,

Media Relations

Masters of Occupation Therapy (MOT) Approved

The JMU Occupational Therapy Program in the Department of Health Sciences has recently received approval from the State Council for Higher Education in Virginia (SCHEV) to begin a Masters of Occupational Therapy (MOT) program in summer 2005. The current undergraduate program, a concentration offering in Health Sciences since 1999, will graduate its last class in May 2006. The move to a graduate level occupational therapy program comes as a result of an accreditation and professional mandate.

Occupational therapists work with individuals whose ability to participate in everyday living activities (or occupations) have been disrupted or unable to develop due to injury, disease, developmental difficulties or environmental factors. OT is a health and human service profession whose name is reflective of the time that it was founded in 1917 when the term occupation collectively referred to activities people engage in throughout their day. Based on the centuries-old belief that there is health in doing, active client centered participation is both the focus of the profession and its main avenue of intervention. Occupational therapists work in health, education, work and social service settings.

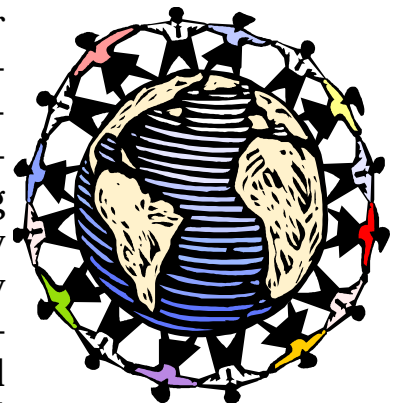
The MOT program is 30 months in length with there being two points of entry into the program for students. Both points of entry (post-baccalaureate and traditional undergraduate) will culminate in the MOT degree.

- Post-Baccalaureate entry- students who already have an earned undergraduate degree, have completed all criteria for admission and are admitted into the program will successfully complete 78 credits over the course of 30 months for the MOT degree.
- Traditional Undergraduate entry- students who have completed 84 undergraduate credits, have completed all criteria for admission and are admitted into the program will complete 36 credits their senior year and will receive a Bachelor's of Science degree in Health Sciences. Students will apply to the JMU College of Graduate and Professional Programs (CGAPP) during their senior year. Once admitted into CGAPP, the student will successfully complete 42 credits over the course of 18 months in the occupational therapy program and will receive their MOT degree. Students following this track have the opportunity to minor in Gerontology, Substance Abuse or Special Education (non-teaching) if desired.

Applications for the Masters of Occupational Therapy program will be available in Fall 2004. For more

Romanian Visitors to ISAT

From February 9th through the 24th, Sever Popa, a Physics teacher, Mioara Gheorghe, an Informatics teacher, and Doina Danciulescu, a Chemistry teacher from Romania came to ISAT. The purpose of their visit, generally, was for continuing professional development in the use of technology in teaching science and math. They worked closely with Dr. Bob Kolvoord in learning about the application of various technologies, and they also had sessions with other CISAT faculty. They visited classes and spoke to classes, both in CISAT and in the College of Education.



Happy Birthday Wishes

APRIL

- 3-Dan Halling, CSD
- 4- David Wenos, Health Sciences
- 6-Barbara Kreutzer, ISAT
- 11-Beth Rodgers, Blue Ridge AHEC
- 12- Charlie Abzug, Computer Science
- 13- Patricia Warner, Psychology
- 15- Chris Nye, Blue Ridge AHEC-
JMU Outreach
- 16- Joe Blandino, Lab Operations
George Coffman, Lab Operations
Anita Warner, Shenandoah Valley
Migrant Education
- 17- Gerry Taylor, ISAT
- 22- Charles Harris, Psychology Dept.
Steve Keffer, Lab Operations
- 24- Jacqueline Williams,
Kines, & Rec.
- 25- Jim Seifried, Dean's Office
- 26- Vince Drumheller, TSEC
Ron Raab, ISAT
- 28- Taz Daughtrey, Computer Science
- 30- Tammy Gilligan, Dept. of
Grad. Psychology



MAY

- 1- Janis Babbitt, CSD
- 6- Vince Capaccio, Lab Operations
- 10- Amanda Dixon, Health Sciences
- 14- Monica Reis-Bergan, Psychology
Dept.
- 16-Mo Zarrugh, ISAT
- 17- Cathy Webb, Nursing
- 19- Tom Benzing, ISAT
- 21- Arch Harris, Computer Science
- 23- Blair Bigger, TSEC
Brandon Schultz, Attention & Learning
Disabilities
- 24- Cindy Allen, Computer Science
Jeff Loveland, Health Sciences
- 26- Michael Stoloff, Psychology Dept.
- 27-Stephanie Chisolm, Health Sciences
Patricia Kennedy, Office on
Children & Youth
Ed McKee, Dept. of Grad. Psychology
- 28- Louise White, Dean's Office
- 29- Cheryl Talley, Psychology Dept.
- 31- Steven Evans, Attention & Learning
Disabilities

JUNE

- 2- Jim Barnes, ISAT
Lu Foster, Lab Operations
Jon Thompson, Health Sciences
Tony Teate, ISAT
- 3- Karen McMillen, Nursing
- 5- Maria Clymer, Shenandoah Valley Mi-
grant Education
Lyn Hart, Attention & Learning
Disabilities
Philip Riley, Computer Science
Sherry Serdikoff, Psychology Dept.
Jeanne Wenos, Health Sciences
- 6- Kathy Hiltner, Social Work
- 9- David Bernstein, Computer Science
Jon Miles, ISAT
- 10-Natalie Kerr, Psychology Dept.
- 11-Sharon Strang, Nursing
- 13- Kenneth Barron, Psychology Dept.
Arnold Kahn, Psychology Dept.
- 15- Dave Lawrence, ISAT
- 16- Rob Koslow, Health Sciences
- 17- Richard West, Dept. of Grad.
Psychology
- 18- Jeanne, Martino-McAllister, Health
Sciences
- 20- Jesse Pappas, ISAT
- 21- Michael Goldberger,
Kines. & Rec.
- 23- Gail Ham, Kines. & Rec.
Joseph Lynch, Social Work
- 25- Claudia O'Neill, Nursing
- 26- Linda Hulton, Nursing
Bonnie Sullivan, Blue Ridge AHEC-JMU
Outreach
- 27- Kent Todd, Kines. & Rec.
- 28- Stephanie Forbes, CSD
Nancy Wingfield, Social Work

GRADUATION CEREMONY



Plans for the spring 2004 commencement have been finalized. The main ceremony will begin a half hour earlier with the formal procession starting at 8:30 and the ceremony at 9:00 on May 8, 2004. The individual college ceremonies will be at 11:30 with CISAT split between the stadium and the lawn behind the College Center. There is an inclement weather plan for the college ceremonies if needed. Should this be implemented CISAT's ceremonies will be held at 3:00 pm in the Convocation Center and Godwin Hall. For additional information please go to <http://www.jmu.edu/commencement>.



No matter how long the winter,

Spring is sure to follow.

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Visit us on the Web at

www.jmu.edu/cisat/

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