



# Vinculum

## A newsletter of the College of Integrated Science & Technology

February, 2003

Volume 2, 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.

### Message From the Dean

February is here and we continue to dig out from the snow, but Spring Break is on the way and so, hopefully, is spring and the season of renewal. Part of our organizational renewal and refocusing is to recognize those among us for excellence in the performance of their duties.

The items that typically catch the headlines are those of our College level faculty awards. And certainly these warrant recognition and accolades! This year our College's Faculty Development Committee has recommended and I have named Dr. Stephen Wright, professor in ISAT, as the College's *Outstanding Teacher*; Dr. Sheena Rogers, associate professor of Psychology, as the College's *Madison Scholar*; and Dr. Richard Travis, professor of Health Sciences, the recipient of the College's *Outstanding Service* award. There were additional excellent nominees for each of these awards and they will all be recognized later this semester in an awards recognition ceremony.

However, I want to focus the remainder of this brief note on our *exceptional classified staff*, without whom we simply could not accomplish all the tasks necessary in support of our academic mission. Recently we have begun to recognize our wonderful colleagues

through the *CISAT Stars!!* section of the College's homepage. I would encourage you to monitor the site to learn of the contributions of these colleagues. The address is [www.jmu.edu/cisat](http://www.jmu.edu/cisat).

Throughout the year, Jane Crockett, Cindi Wilson, Lynda Capaccio, Tonia Hedrick, Rosa Turner, Cathy Jerome, Becky Rohlf, Gerri Rigney and Julie Love have worked as a group, operating under the title of the Morale Committee, to identify activities and ways to recognize the hard work and commitment of our classified staff colleagues. Activities have included our annual staff recognition luncheon – where new employees are introduced. Each week one to two staff members are identified as a guest of the Dean to join in the Friday Dietetics program's quantity foods luncheon.

There was the holiday movie and dessert social held on the last Friday of the Fall semester. Another movie event is being scheduled to occur during Spring Break. HHS 3102 has been set aside for morning breaks (15 minute breaks) between 9:00 am to 9:30 am each day as a means of encouraging staff to mingle, meet, and socialize with those from other units.

Complimentary Masterpiece Theatre tickets are periodically given to selected staff (names are drawn). Arboretum tours, herb lectures and brown bag lunches have been held and

additional ones are being scheduled. And many other activities are occurring or are planned for the future. Wow – what creativity!

However, the one event that I think truly reflects the unselfish, giving and dedicated nature of the College's staff, and participating faculty, was the organization of the College's first toy charity drive this past holiday season to benefit children and families identified through our local Social Services office. It was a huge success as noted by the mounds of toys that grew and grew in the days approaching the "D-Day" of delivery of the presents.

I know we all realize that we, our programs, our instruction, our scholarship and our service, could in no way be what they are today, nor could we achieve the level of quality that we do, without the support of our classified staff colleagues. Please join me in recognizing our truly exemplary faculty awardees and our many exemplary classified personnel in a job continually and consistently well done. Today, go out and give someone a pat on the back as a way of recognizing his or her contribution. And while you are at it, give yourself one big "attaboy or attagirl".

*Jerry Benson, Dean*

## KINESIOLOGY LECTURER AND HONORS DINNER

Dr. Gregory A. Dale has been selected to be the 2003 Dorothy Harris Lecturer. This is the 12th lecture in this annual series that is support through the generosity of the late Dr. Dorothy Harris, former JMU faculty member and noted Sport Psychologist.

During his career as a sport psychologist, Dale has worked with a variety of athletes and coaches. Currently, he is working with several teams at Duke University, where he is a faculty member. In addition to his work at Duke, he is working with two NFL coaches, USA track and field athletes, two decathletes, and three professional tennis players.

Dale completed his Ph.D. degree in Sport Psychology in 1994 at the University of Tennessee. Before joining the Duke faculty in 2000, he served on the faculty at Winthrop University for six years.

Dale's Harris Lecture, entitled "Seven Secrets of Successful Coaches" will be delivered on Thursday afternoon, April 10th, from 4-5 p.m., in room 1302 in the CISAT-HHS building. The lecture is free and all are welcomed.

The School of Kinesiology and Recreation Studies will hold its 12th annual Honors Dinner on Thursday evening, April 10th, at 6 p.m., in the Shenandoah Room of Chandler Hall. Faculty, emeritus faculty, students, parents, graduates, and friend of the School will come together to recognize some of the outstanding achievements of the past year.

At this festive event, outstanding majors in Exercise Science and Leadership, recreation, Sport Management, Therapeutic Recreation, and Physical Education will be recognized. The highlight of the evening will be the announcement of the Johnston Award recipient. This award, named after Althea L. Johnston, founding faculty member, is the highest recognition the School offers.

Tickets are \$15 each may be reserved before April 1 from Joyce Plymale, (540) 568-6145 or [plymaljm@jmu.edu](mailto:plymaljm@jmu.edu).

### **Outstanding Majors:**

Exercise Science: Jonathon Newman  
 Exercise Leadership: Eric Mohring  
 Recreation Management: Andrea Morris & Alex Welch  
 Sport Management: TBD  
 Therapeutic Recreation: Lindsay Gilchrist  
 Physical Education: Lynn Alexander

**NASPE Award:** Stephen Kodish

### **Service Awards:**

Marhonda Williams  
 Brooke Hirsch

### **Biello Scholarship:**

David Russ

### **Dean's Scholars:**

Marhonda Williams  
 Jonathon Newman

### **Outstanding Professionals:**

Christy Pitts, Augusta Co. Schools  
 Barbara Rudwall, RMH Wellness Center  
 Eric Nickel, JMU UREC

### **Outstanding Alumnus:**

Samir Suleman, St Louis Rams Football

### **Crawford Scholarship:**

Kelly Jameson

## VIRGINIA'S FIRST WIND ENERGY WORKSHOP

The Virginia Wind Energy Collaborative is sponsoring the workshop. The Collaborative consists of JMU, Virginia Tech's Alexandria Research Institute, Old Mill Power, Environmental Resources Trust, Department of Mines Minerals and Energy, Wind Powering America and the U.S. Department of Energy. The subject of this workshop is to focus on utility-scale wind farm development in Virginia. More information and how to register is available at <http://web.jmu.edu/vwec>.

## ***GRANT AWARDS (October 2002– January 2003)***

### **Center for Geographic Information Science**

*Virginia Atlas Project: Joseph Eney*

### **Institute for Innovation in Health & Human Services**

*Teen Pregnancy Prevention: Jane Hubbell*

### **CSD**

*Speech Language Pathology Training: Nicholas Bankson*

*Interpreting Content-Based Instruction: Brenda Seal*

### **Health Sciences**

*Campus Substance Abuse Planning Committee: Jeanne Martino-McAllister*

*Substance Abuse Prevention: Jeanne Martino-McAllister*

*Safe & Drug Free Schools: Jeanne Martino-McAllister*

*Seniors Nite Out: Jeanne Martino-McAllister*

*Project Success Year Five: Jeanne Martino-McAllister*

### **ISAT**

*SBALP: Jonathan Miles*

*CERF-Conv. Exp. Radio Frequency: George Baker*

*Mercury Areas in South River: Thomas Benzing*

*Truck Idling Alternatives: Christie Brodrick & Ron Kander*

### **Mine Action Information Center**

*MAIC Year 4: Dennis Barlow*

*IMAS Website Support: Dennis Barlow*



## **“OPPORTUNITIES IN ENERGY” SYMPOSIUM**

The symposium will be held on Thursday, March 20, between 9:00 and 3:30 in the ISAT/CS building. There will be several special events that day:

- ◆ Mr. Richard King of the U.S. Department of Energy, who spearheaded the Solar Decathlon, will give a presentation
- ◆ The JMU Chapter of the Association of Energy Engineers will be officially recognized
- ◆ The CISAT Solar Electric Power Plant will be dedicated.

In addition, about two dozen or more organizations representing a broad range in the energy industry will be participating. There will be exhibits along the central spine of the building, panel discussions, and recruiting.

## JMU NSA ALCOHOL AWARENESS CAMPAIGN

Each year, the JMU Student Nurses Association strives to impact the community at large with several projects addressing the state theme for the year. We have to this point tried to address individuals at several points along the life-span continuum, from childhood through late adult. This year with the state addressing Personal Safety, we decided to look inward at the most pressing safety needs of our campus community: Alcohol and Tobacco Use.

On January 29, 2003, JMU campus was vividly made aware of the dangers of drinking and driving. It was our hope that students would make a conscious decision not to become a statistic once they saw the impact of our program. Upon entering a very large 3 story building, students were confronted with large signs stating that 1500 people are killed or injured every day by a drunk driver. A nursing student dressed in all black attire silently handed each student a black piece of paper with a statistic written on it. The halls of the building were adorned with bunches of black balloons to represent each of the individuals injured or killed each day. All nursing students, faculty and staff in the department dressed in black attire so that whoever we encountered for the day could be reminded of the statistics.

Similar twin sheet signs were placed all over campus, each with a different statistic about the consequences of drinking and driving. A large ad was purchased and placed in the campus newspaper advertising the event. Bulletin boards were done in the main building where the event took place as well as several other locations in dorms across campus. A reporter was there to interview the coordinators of the event so that it may be even more widely talked about through the campus newspaper.

Students, faculty and deans were constantly commenting to the nursing students about the tremendous impact that that day made for them. One student stated that we all reminded her of the movie "City of Angels" in that we were all trying to look out for the better good of our peers! They were sad to have the black balloon reminders removed. Work-load for the project was distributed among all JMU NSA members under the coordination of five leaders. It took approximately 6 hours and about 30 students to blow up 1500 balloons— a task we will not soon forget.

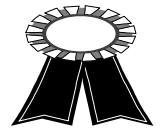
In a fall issue of Playboy magazine, JMU students ranked 25th among the Nation's Top Party Schools. This is not something that JMU is proud to be known for, yet the issue is not the alcohol consumption but the consequences of that consumption on the individuals' personal health and the safety of themselves and others.

In a recent survey done on a sample of 1900 randomly sampled students, 84.2% had used alcohol in the past 30 days, 83.4% of underage students consumed alcohol in the past 30 days and 66.2% of students have "binged" (5 or more drinks at one sitting) in the previous 2 weeks (Martino-McAllister, 2003). These numbers reflect an increase of 1.4%, 1.6%, and 6.65% respectively since 1997. With this data in mind, the JMU NSA decided that honing our efforts inward to our own student body would hopefully be a fruitful adventure. "It was our hope that lives would be forever changed with the program-even one life is worth the hard work!"





## CISAT FACULTY AWARD WINNERS



James Madison University prides itself on the accomplishments and commitment of its faculty. Each year, in recognition of superlative achievement, each college identifies one faculty member within their college as a Madison Scholar, Distinguished Teacher, or Distinguished Service recipient.

CISAT's criteria for these awards include the following: currently has full-time status, has completed at least five years of service at JMU at the rank of assistant professor or above, has not received the award in the past 10 years, and has consistently received satisfactory ratings in teaching, scholarly activity, and service.

On behalf of the Faculty Development Committee and Dean Benson, we are pleased to announce the CISAT Madison Scholar recipient, **Dr. Sheena Rogers, Distinguished Teacher recipient, Dr. Stephen Wright, and the Distinguished Service recipient, Dr. H. Richard Travis.** Each award winner will receive a \$1,000 honorarium and will be recognized at a

University and College meeting in the spring.

Dr. Sheena Rogers is a full-time tenured associate professor who joined the faculty of JMU in 1997. Dr. Rogers is an exemplary faculty member whose contributions in teaching, service, and scholarship are considerable.

Dr. Stephen Wright is presently in his thirteenth year of teaching at JMU. Dr. Wright has consistently demonstrated a passion, and an aptitude, for teaching that is "contagious" among students and his faculty peers alike. Dr. Wright has taught more than a dozen different courses in Geographic Science curriculum, and has been a leader in curriculum reform in the GS (and now in the ISAT) curriculum. It is especially noteworthy that his student evaluations have remained above the departmental average throughout his tenure at JMU.

Dr. H. Richard Travis says, "I am very honored to have received the 2003 CISAT Distinguished Service Award. I remember early in my career at JMU of being appointed chair of a college committee. I made great preparations prior to our first meeting but soon learned that the ideas generated by the group were far superior in the end to anything that I could have developed. Thus, I learned the basics of Group Process 101, and the fun of working with the high caliber people that are at JMU. There is a saying that "firewood warms you twice", when you chop it and then when you burn it. In receiving this award, I have been fortunate enough to have been warmed twice. There was great warmth in serving with the wonderful faculty, staff, and administrators at JMU and the fun and camaraderie that developed as we worked toward our goals, and now I am warmed a second time with this award. Thank you for this honor. It is especially meaningful because of the previous honorees who set such high standards."

*Congratulations to all award recipients!!*



### *Charity Banquet for Adopting A Landmine*



The Charity Banquet for Adopting a Landmine was held on Thursday, January 30th at the Four Points Sheraton from 7:00 to 9:00 p.m. Approximately 20 people attended and highlights included a video about Adopt-A-Minefield, two short speeches by Dennis Barlow and Nicole Kreger, and a Chinese Auction. The event helped raise approximately \$500 for the cause. More information about the organization is available at <http://www.geocities.com/shenandoahmap>.

## *The Institute for Infrastructure and Information Assurance*

James Madison University has created a new institute dedicated to protecting the security interests of Virginia and the United States. The Institute for Infrastructure and Information Assurance-I3A— was established to oversee and coordinate the efforts of two security-related entities at JMU: the state-funded Commonwealth Information Security Center and the federally funded Critical Infrastructure Protection Project, a partnership with George Mason University. Both programs examine a susceptibility to and prevention of attacks on critical computer networks.

George Baker, an associate professor of integrated science and technology at JMU, is serving as interim director of I3A. The institute, he said, will work with business and industrial concerns, governmental organizations and other educational institutions to coordinate the activities of CISC and CIPP. It would also seek federal and state funding, enhance educational opportunities by operating across traditional academic boundaries and provide an overall identity for JMU's security-protection achievements.

"As homeland security becomes a major focus of national policy, the importance of the research conducted by CISC and CIPP can clearly be seen," Baker said. "Threats can be made against infrastructure physically or in the form of cyber attacks. Through the coordination efforts by CISC and CIPP, potential attacks may be avoided."

Baker noted that the 1997 Report of the President's Commission on Critical Infrastructure Protection identified five critical infrastructure sectors: Information and communications, including public telecommunications network and the Internet; Physical distribution, including highways, rail lines, ports, pipelines, airports, mass transit, trucking companies and delivery services; Energy, such as electricity, oil and natural gas production and distribution systems; Banking and finance, including banks, financial services, payment systems, investment companies, mutual funds, and securities and commodities exchanges; Vital human services, which include water supply, police, fire, rescue, medical services, post office, and government services.

"Because 90 percent of infrastructure is owned and operated by the private sector, educating the public will be a crucial component of CISC and CIPP," Baker said. "The institute plans to host seminars and conferences to inform local businesses of possible threats to their secure information and how they can protect themselves against possible attacks."

He added that working agreements will be sought with federal, state and local organizations involved with infrastructure protection. Toward that end, Baker said, I3A has already established an outreach program with the National Park Service.

Article by Charles Culbertson, Media Relations

## **Coming Attractions & Department Highlights**

March 10-14  
SPRING BREAK

March 19  
James Madison Day

April 4  
Diversity Workshop - IIHHS

March 11  
9:00-11:00  
Grant Training Session  
ISAT/CS 259

March 20  
ISAT "Opportunities in  
Energy Symposium"

March 13  
Free "Movie" for Staff 2:00  
in HHS 1301 popcorn &  
drinks served

March 21  
VA Regional Wind Energy  
Workshop

April 2  
Biotech Career Fair



# HAPPY BIRTHDAY WISHES

## APRIL

- 2-Ellen O'Neal, Health Sciences  
 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  
 16- Joe Blandino, Lab Operations  
 George Coffman, Lab Operations  
 Anita Warner, Shenandoah Valley  
 Migrant Education  
 17- Gerry Taylor, ISAT  
 22- Charles Harris, Psychology  
 Steve Keffer, Lab Operations  
 24- Jacqueline Williams,  
 Kines, & Rec.  
 25- Jim Seifried, Dean's Office  
 26- Vince Drumheller, TSEC  
 Ron Raab, ISAT  
 Joe Vedelli, Kines. & Rec.  
 28- Taz Daughtrey, Computer Science  
 30- Tammy Gilligan, Psychology

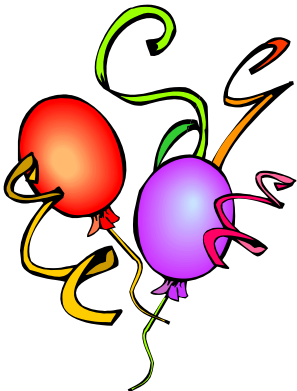


## MAY

- 1- Janis Babbitt, CSD  
 6- Vince Capaccio, Lab Operations  
 13- Clint Bennett, CSD  
 14- Monica Reis-Bergan, Psychology  
 16-Mo Zarrugh, ISAT  
 17- Cathy Webb, Nursing  
 19- Tom Benzing, ISAT  
 21- Butch Filter, CSD  
 Arch Harris, Computer Science  
 23- Blair Bigger, Madison Medialab  
 24- Cindy Allen, Computer Science  
 Jeff Loveland, Health Sciences  
 26- Michael Stoloff, Psychology  
 27-Stephanie Chisolm, Health Sciences  
 Ed McKee, Psychology  
 28- Beverly Robertson, HDC  
 Louise White, Dean's Office  
 29- Cheryl Talley, Psychology  
 31- Steven Evans, HDC

## JUNE

- 2- Jim Barnes, ISAT  
 Lu Foster, Lab Operations  
 Jon Thompson, Health Sciences  
 Tony Teate, ISAT  
 5- Maria Clymer, Shenandoah Valley  
 Migrant Education  
 Lyn Hart, HDC  
 Phillip Riley, Computer Science  
 Sherry Serdikoff, Psychology  
 Jeanne Wenos, Health Sciences  
 6- Kathy Hiltner, Social Work  
 9- David Bernstein, Computer Science  
 Jon Miles, ISAT  
 13- Kenneth Barron, Psychology  
 Arnold Kahn, Psychology  
 15- Dave Lawrence, ISAT  
 16- Rob Koslow, Health Sciences  
 17- Richard West, Psychology  
 18- Jeanne, Martino-McAllister,  
 Health Sciences  
 Mary Shipp, Computer Science  
 21- Michael Goldberger,  
 Kines. & Rec.  
 22- Dick Roberds, ISAT  
 23- Gail Ham, Kines. & Rec.  
 Deb Juliana, IIHHS  
 Joseph Lynch, Social Work  
 25- Claudia O'Neill, Nursing  
 26- Linda Hulton, Nursing  
 Bonnie Sullivan, Blue Ridge AHEC  
 27- Kent Todd, Kines. & Rec.  
 28- Stephanie Forbes, CSD  
 Nancy Wingfield, Social Work



## FULBRIGHT SCHOLAR EXPLORES TEACHING

Victor Karandashev, a visiting Fulbright Scholar from St. Petersburg, Russia, addressed the faculty in a special Friday afternoon session, February 21, that was cosponsored by the School of Psychology, the International Group in CISAT headed by Mary Kimsey, and the CISAT Teaching Learning Group. A reception followed.

Dr. Karandashev has been visiting JMU since last October on a six-month Fulbright to provide some foundation in cross-cultural studies on what students learn about psychology during their introductory course in the discipline. In addition to the training of graduate students to teach, Dr. Karandashev also successfully convened the first international conference on the teaching of psychology last year in St. Petersburg. He is currently working on a book based on the outcomes of the conference that would compare teaching priorities in higher education contexts across the globe.

### *HAVE YOU NOTICED?*

The Center for Innovation in Health and Human Services (CIHHS) which was created Fall 2001 now has a new name. It is now the INSTITUTE for Innovation in Health and Human Services (IIHHS). The name was changed for clarity since there are a number of "Centers" that are connected with it. As the Institute continues to evolve it seems that a broader umbrella name was appropriate. The mission while not changed also continues to evolve. The task of promoting cross disciplinary initiatives and promoting campus-community partnerships has been exciting and well received. If you have any questions, contact Vida Huber (83283) [hubervs@jmu.edu](mailto:hubervs@jmu.edu) or Emily Akerson (86120) [akersoek@jmu.edu](mailto:akersoek@jmu.edu).



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