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Coastal Carolina University

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The Academic Enhancement Grants Program, begun during the 1995-1996 year as a new faculty support program, has received continuing support and funding for the 1998-1999 year. The program, sponsored by the Horry County Higher Education Commission, Coastal Education Foundation, Inc., and the Provost, is intended to encourage the development of projects that show potential for significant research, scholarly, creative or instructional contributions, and that can serve as the base to acquire additional funding from external sources.

The review team, consisting of both on- and off-campus representatives, has completed its evaluations and made its recommendations to the Provost. The 1998-1999 grant recipients are as follows:

**Prashant Sansgiry, Ph.D., Associate Professor of Mathematics and Olcay Akman, Ph.D., Assistant Professor of Mathematics**

**Project:** A Model for Early Detection of Disease with an Application to Breast Cancer

**Abstract:** In recent years there is increasing emphasis on early detection programs to identify individuals with diseases like breast cancer. Early detection programs are useful only if the statistical models used to analyze the data are accurate. The purpose of this study is to determine the screening times and frequency to minimize the amount of lifetime lost due to breast cancer.

**John Beard, Ph.D., Associate Professor of English**

**Project:** Postmodern Education: A Meta-Analysis of Coastal Carolina University's First Celebration of Inquiry Conference's Wall of Writers

**Abstract:** Postmodern theory argues that knowledge (whether scientific, artistic, or practical) is never self-evident, objective or pure if it relies on language for its transmission. This is especially true for poems and novels - literary theory - but some of these same theories are now being used to interrogate culture, politics, education, science, and all other ways of knowing and producing knowledge. How can such powerful linguistic arguments help us understand teaching and learning in an academic environment? Coastal Carolina University's first Celebration of Inquiry Conference provides a unique opportunity for students to examine Postmodernist assumptions in a "real world" context.

**Teresa Burns, Ph.D., Assistant Professor of Physics**

**Project:** Development of Adsorption Isotherm System for Study of Porous Media

**Abstract:** The purpose of this project is to bring into operation a vapor pressure isotherm system for use in the study of porous media, such as porous glasses, graphite foam samples, and other powdered samples. The system would be used to involve students in a wide variety of projects addressing the effects of porous media on adsorbed species, and in characterizing porous media. In addition to the research questions addressed, students will gain important research experience in computer interfacing, and equipment design and control.

**Stephen P. Bush, Ph.D., Assistant Professor of Biology**

**Project:** Genetics of Tillandsia usneoides (spanglish moss) examined with DNA Markers

**Abstract:** Approximately 10 percent of all plant species are epiphytic, existing entirely upon other plants. Very little is known about genetic diversity in this type of plant. The goal of this project is to examine genetic diversity in the epiphyte Tillandsia usneoides. This will be the first investigation of DNA variation in an epiphytic species.

**L. Taylor Damonte, Ph.D., Visiting Professor of Business and Robert B. Burnley, Ph.D., Associate Professor of Finance**

**Project:** Toward a Predictive Model for Planning the Tourism Infrastructure Needs of Horry County, S.C.

**Abstract:** A proposal will be developed to build a predictive model for optimizing the performance of the tourism industry in Horry County. Data collection and analysis necessary for development of the model will be conducted by faculty and students of the Wall School of Business at Coastal Carolina University in cooperation with the Horry County Planning Commission for use in determining what tourism infrastructure and support services will optimize business and destination performance.

**Darla Domke-Damonte, Ph.D., Assistant Professor of Management and Virginia B. Leveson, Ph.D., Associate Professor of Management**

**Project:** The Relationship between Network Position and Perceptions of the Usefulness and Contributions of Cooperative Alliances in the Small Hotel Business

**Abstract:** The relationship between network position and perceptions of the usefulness and contributions of cooperative alliances among business sectors to gain competitive advantages has been studied either at the community level or at the level of the very large for-profit organization. Little has been done in studying alliance formation and management in small businesses. This research will investigate the relationship, both theoretically and empirically, between the personal and ecological characteristics associated with the evolution of an inter-firm cooperative alliance between the small lodging sector, using the Small Hotel Owners' Association of the Grand Strand, and other local businesses.

**David E. Evans, Ph.D., Associate Professor of Chemistry**

**Project:** Synthesis and Characterization of N,N'-Di(2'-pyridyl)-2,6-pyridinediamine: A Novel Bridging and Chelating Ligand

**Abstract:** This project proposes to successfully synthesize the title compound and some of its derivatives. These compounds are potentially useful in two areas of current interest to the scientific community: photochemistry and conducting polymers. Molecular modeling studies indicate that various Ruthenium (II) complexes containing the title ligand may exhibit very interesting photochemical properties; namely, a reasonably long lifetime in the excited state, favorable reduction potential and the potential to split water. Similar modeling of two Palladium (II)-based polymers showed that their preferred conformations (i.e., helices) should lead to sufficiently different chemical properties.

**Brian D. Gilbert, Ph.D., Assistant Professor of Chemistry**

**Project:** Raman and Surface-Enhanced Raman Scattering (SERS) of Environmental Endocrine Disruptors in Water

**Abstract:** The proposed research will

**Nostalgia Anyone?**

The Coastal Carolina History Project is calling for photographs for use in a published history of the university. Please look through your scrapbooks or photo albums and see if you have photographs or other memorabilia which can help to tell the Coastal story. We would appreciate items (photos, ticket stubs, programs) from any event sponsored by the school - sports events, social gatherings (proms, dinners, chicken bogs), business meetings or theatrical productions. The project is especially anxious to receive any photos or items from the 1950s or 1960s. Check your attic for those "rat week" costumes, along with photographs of freshman mixers, cheerleading tryouts or dorm life. Your contributions may be used to illustrate the book. We will make sure you get them back. For more information, call Roy Talbert at extension 2476.
Coastal Carolina People

Faculty and staff are encouraged to submit Information to be included in the "Coastal Carolina People" section of On Campus. Information will be published following the presentation or activity.

• John Beard presented a paper, titled "Postmodern Horror: Laurell K. Hamilton's Problematized Monsters," at the 27th annual meeting of the Popular Culture Association in the Southeast (PCAS) held in Augusta, Ga., Oct. 9. The conference is the regional meeting of the International Popular Culture Association and of the Southern Association which apply literary and cultural theories to popular movies, novels and television shows.

• James Blackburn attended the 42nd annual conference on the Teaching of Foreign Languages and Literatures held at Youngstown State University in Youngstown, Ohio. Blackburn co-presented "Value-Added Reading Experiences and Tests" with David Barnwell from the Linguistics Institute of Dublin, Ireland.

• Gene Collins and Steve Sheel attended the meeting of the Southeast Chapter of the Institute for Operations Research and the Management Sciences held at the Myrtle Beach Marriott Resort on Oct. 3. Collins and Sheel presented "The Effect of Field-Independent/Field-Dependent Cognitive Style on the Acquisition of Computer Applications Presented in Self-Paced and Traditional Lecture-Based Contexts."

• Steve Hamelman chaired a panel titled "Operations of the Mind: Style, Aesthetics, Narration" at the Revising Charles Brockden Brown Conference held at the University of Pennsylvania, Oct. 23 to 24.

• Linda Hollandsworth performed a dramatic reading of Flannery O'Connor's "A Good Man Is Hard to Find" at Baylor University's Symposium on "The Christ-Haunted South: A Conference on Southern Religion, Social Practice and Literature" in October Hollandsworth also co-authored a panel discussion about the story after her reading.

• Elizabeth Keller received the Best Show for her work, "House perch," and a second place award for one of her signature teapots, "Yellow Spots," at the Robert Runk Art Exhibition in Southport. N.C. Keller's works also are among the first to be included in the South Carolina Arts Commission's new Web site. The Web site is designed to create greater awareness of the State Arts Collection and will include more than 450 works.

• Subhash Saxena recently participated in an intensive workshop on Geometer's Sketchpad held at the University of California-Berkeley. Conference information provided by national and international presenters will be beneficial in the work funded through the Eisenhower grant Saxena recently received.

• Phil Schneider attended the first statewide conference for Healthcare Ethics in South Carolina. More than 100 members of hospital ethics committees around the state participated in the conference. Schneider presented an invited plenary session address that discussed the results of a survey of 12 hospital ethics committees in Coastal's five-county (plus Charleston) service area. This project, including participation by six Coastal student research assistants, was funded by a university Academic Enhancement Grant.

Area math teachers to form NCTM affiliate organization

An organizational meeting for the purpose of forming a local affiliate of the National Council of Teachers of Mathematics (NCTM) is scheduled for Tuesday, Nov. 17 at 4:30 p.m. in the Wall Auditorium at Coastal. The organizational meeting, at 4 p.m., four short presentations will be made by area math educators. The meeting and the presentations are free and open to the public.

The new organization, called the Waccamaw Region Council of Teachers of Mathematics, is open to all math teachers (grades K through post secondary) in Horry and Georgetown counties. "This organization will provide a forum which will allow math teachers to meet, share ideas, make short scholarly presentations, and generally to discuss issues relating to teaching math," said Tom O'Loughlin.

The meeting is being hosted by the Mathematics Articulation Project, a consortium of mathematics faculty from Coastal, Horry-Georgetown Technical College and Horry County Schools. More than 70 math teachers from Horry and Georgetown counties responded favorably to a query issued by the project proposing the formation of the new organization, according to O'Loughlin.

Coastal Offers Summer Travel Programs

Coastal's Division of Extended Learning and Public Service is offering three exciting travel-study tours for summer 1999.

Beautiful Italy: From Tuscany to the Amalfi Coast -- May 27 to June 7

Experience the stunning beauty and incomparable history of Italy. Visit Rome, Florence, Capri, Naples and see the incomparable history of Italy. Visit Rome, spectacular Gardens of England and Wales and continue through Friday, Aug. 20.

The $2861 fee includes round-trip air fare from Charlotte, all breakfasts, selected dinners, double room accommodations in four star hotels, departure tax, a tour to England's West Country, to the Welsh locations ranging from the city of London, to the Maximum of Normandy to the Rhine. The tour ends, appropriately, in London.

For more information, contact Mona Dukes at extension 2006. Proceeds will benefit the Coastal Carolina University Alumni Endowed Scholarship Fund.

sign up for the Coastal Carolina University Alumni Association Golf Tournament Saturday, Nov. 14 at Myrtle Beach National Proceeds will benefit the Coastal Carolina University Alumni Endowed Scholarship Fund.

For more information, contact Mona Dukes at extension 2006.
Coastal Carolina University students win scholarships

Four Coastal Carolina University students have been awarded scholarship funds from two scholarships established by Coastal's Alumni Association.

Estelle B. Shelton, a junior English major of Conway, is the first recipient of the Alumn i Board President Richard Weldon and Emeritus Professor Will Garland scholarship. Established specifically for seniors, this scholarship provides an annual award based on campus involvement, leadership skills, community service and academic performance. The Alumni Endowed Scholarship is supported through Coastal's Annual Fund, a yearly fund-raising effort.

An information session outlining the BA program requirements will be held on Nov. 19 in the Wall School of Business Building, room 118 at 6:15 p.m.

The Cafe Lunch Menus
Week of NOVEMBER 16
Mon: Beef Jalapenos; Chicken Wings; Chicken Stir Fry
Tues: Pork Chicken; Spaghetti with Meatballs; Beef Stir Fry
Wed: Chicken Broccoli Casserole; Hamburgers; Chicken Stir Fry
Thurs: Turkey Cutlet; Beef Kabobs; Beef Stir Fry
Fri: Grilled Reuben; Fried Chicken; Chicken Stir Fry

The Cafe Luncheon Menus
Week of NOVEMBER 23
Mon: Beef Jalapenos; Chicken Wings; Chicken Stir Fry
Tues: Pork Chicken; Spaghetti with Meatballs; Beef Stir Fry
Wed: Chicken Broccoli Casserole; Hamburgers; Chicken Stir Fry
Thurs: Turkey Cutlet; Beef Kabobs; Beef Stir Fry
Fri: Grilled Reuben; Fried Chicken; Chicken Stir Fry

The Cafe Luncheon Menus
Week of NOVEMBER 30
Mon: Barbecue Pork Sandwich; Chicken and Broccoli Casserole; Chicken Stir Fry
Tues: Fried Chicken; Manicotti; Beef Stir Fry
Wed: Chicken Broccoli Casserole; Hamburgers; Chicken Stir Fry
Thurs: Szechuan Chicken; Grilled Turkey
Fri: Chicken Stir Fry

The Cafe Luncheon Menus
Week of DECEMBER 7
Mon: Beef Jalapenos; Chicken Wings; Chicken Stir Fry
Tues: Pork Chicken; Spaghetti with Meatballs; Beef Stir Fry
Wed: Chicken Broccoli Casserole; Hamburgers; Chicken Stir Fry
Thurs: Turkey Cutlet; Beef Kabobs; Beef Stir Fry
Fri: Beef Stir Fry

Note: Vegetarian selections, hamburgers, hot dogs and grilled sandwiches are also available at The Cafe in addition to the menu items listed. Menus are subject to change due to product availability.
November

M • 9
• Introduction to Word Workshop
  9:30 to 11:30 a.m., Society House
  Carol Lane
• Advance Registration for Spring 1999
  classes begins
  Continues through Nov. 20
W • 11
• Introduction to Excel Worksheets Workshop
  9:30 to 11:30 a.m., Society House
  Carol Lane
• Premiere Night/Fun Flicks Contest
  Coastal Production Board event
  7:30 p.m., Wall Auditorium
  Porter Medley/Student Activities
• Women's Issues Group
  5 to 6 p.m. SC 201
  Stacy Cretzmeyer
Th • 2
• Communication in the 90's group meeting
  5:45 to 6 p.m. SC 204
  Stacy Cretzmeyer
F • 13
• Volleyball
  Winthrop at Coastal, 7 p.m.
S • 14
• Volleyball
  UNC Asheville at Coastal, 1 p.m.
• Men's Cross Country
  NCAA Southeast Region Championship
  Greenville, S.C.
• Women's Cross Country
  NCAA Southeast Region Championship
  Greenville, S.C.
• Campus Visitaton Day
  9:30 a.m. to 2 p.m.
  Admissions
• Coastal Carolina University Alumni
  Association Golf Tournament
  Noon. Myrtle Beach National
  Mona Dukes
• Women's Basketball
  University of Tennessee at Chattanooga
  at Coastal, 5:30 p.m.
• Men's Basketball
  St. Andrews at Coastal, 7:30 p.m.
• Pete's Parking Lot Party
  4 to 8 p.m
  Dave Blank
Su • 15
• Catholic Campus Ministry Association,
  Catholic Mass
  7:30 p.m., ADM 005
  Tim McCormick/Newman Club
M • 16
• Intermediate Word Workshop
  9:30 to 11:30 a.m., Society House
  Carol Lane
• Waccamaw Region Council of Teachers
  of Mathematics
  4:30 p.m. Wall Auditorium
  Tom O'Loughlin
W • 18
• Intermediate Excel Workshop
  9:30 to 11:30 a.m., Society House
  Carol Lane
• Women's Issues Group
  5 to 6 p.m. SC 201
  Stacy Cretzmeyer
• Women's Basketball
  Coastal at College of Charleston,
  7:30 p.m.
Th • 19
• Bachelor of Arts in Interdisciplinary
  Studies (B.A.I.S.) Information Session
  6:15 to 8 p.m., WALL 118
  Linda Ford
• Communication in the 90's group meeting
  5 to 6 p.m. SC 204
  Stacy Cretzmeyer
• Concert Choir
  5 to 10 p.m., Wall Auditorium
  Charles Evans
F • 20
• Residence halls close
• Volleyball
  Big South Tournament, Asheveille, N.C.
  continues through Nov. 22
Sa • 21
• Women's Basketball
  Coastal at Jacksonville State, 1 p.m.
• Men's Basketball
  Coastal at North Carolina State, 7:30 p.m.
M • 23
• Thanksgiving Break begins
  No classes through Friday,
  Nov. 27; administrative offices open
  through Wednesday, Nov. 25
• Men's Cross Country
  NCAA Division I Championship
  Lawrence, Kan.
• Women's Cross Country
  NCAA Division I Championship
  Lawrence, Kan.
T • 24
• Women's Basketball
  Campbell at Coastal, 7:30 p.m.
• Men's Basketball
  Coastal at Campbell University, 7 p.m.
Th • 26
• Thanksgiving holiday
  No classes; administrative offices closed
F • 27
• Thanksgiving holiday
  No classes; administrative offices closed
Sa • 28
• Residence Halls re-open
• Men's Basketball
  Coastal at Mercer, 7 p.m.
Su • 29
• Catholic Campus Ministry Association,
  Catholic Mass
  7:30 p.m., ADM 005
  Tim McCormick/Newman Club
• Women's Basketball
  East Tennessee State at Coastal, 5 p.m.
M • 30
• Singleton House Anything But Turkey Day
  for faculty and staff
  4:30 p.m., Singleton House
  Joan Piroch
• Advanced PowerPoint Techniques
  Workshop
  9:30 to 11 a.m., Society House
  Carol Lane
• Men's Basketball
  Coastal at Florida, 7 p.m.