Notice: The deadline to submit entries for the December edition of NSU News is Monday, Nov. 26. Because of the Thanksgiving Holiday, news will be accepted anytime before the Thanksgiving break. There will be no NSU News for January 2008.
Dr. Andrei Ludu, associate professor of chemistry and physics, has published a book based on his research entitled “Nonlinear Waves and Solitons on Contours and Closed Surfaces.” Ludu’s research has the potential to be used in technology to make computational power 100 times faster and more powerful.

The volume, aimed at postgraduate students and researchers, is an introduction to nonlinear waves and soliton theory in the special environment of compact spaces such as closed curves and surfaces and other domain contours. It assumes familiarity with basic soliton theory and nonlinear dynamical systems.

“In laymen’s terms this research is about creating superconducting materials at higher temperatures and designing realistic quantum computers,” Ludu explained. “High temperature superconductivity is a property of some very special alloys, polymers or ceramics to drive electric current without any thermal resistance, making computers way faster, cheaper and lighter.”

According to Ludu, quantum computers substitute atoms in place of microprocessors. A quantum computer would enable DNA identification as fast as scanning a bar code at Wal-Mart, he explained. His book was released in Europe last month and will be released in the United States this month. It is available at Amazon.com. Viewers can type in Ludu’s name in the search to find the book listed for sale.

Ludu has taken a sabbatical to spend the academic year working with a research team at the Department of Physics at the University of Antwerp, Belgium. He also plans to join research work at the International Center for Theoretical Physics in Trieste, Italy, at the Neils Bohr Institute in Copenhagen, Denmark, and at Pierre and Marie Curie University in Paris, France.

“These visits are good opportunities to work in the most appropriate atmosphere, bringing to NSU new research directions, competitive topics with great technological impact, that can provide grants and attract students,” Ludu said. He expects his projects to result in several papers published in refereed journals, participation in international conferences and establishing a tradition of collaboration and student exchange with the other universities.

Ludu plans to begin work on a new book while at ICTP in Trieste, Italy, which will focus on swimming mechanics of microscopic organisms from the theoretical physicist’s point of view.

Cunningham research examines security issues

NSU’s Health and Human Performance department is pleased to have Dr. Trey Cunningham join its faculty, according to Department Head Dr. John Dollar. Cunningham is a 2007 Ph.D. graduate of the Center for Spectator Sports Security Management at the University of Southern Mississippi. His dissertation examined the knowledge levels of Division 1A athletic administrations relative to event and stadium security.

Part of his research included checking out stadiums and sports venues, such as the Talladega Superspeedway in Talladega, Ala., home to numerous NASCAR auto racing events.

An alumnus of the Department of Homeland Security SERRI Center, he joined the NSU faculty to teach courses in sports administration.

To view the full article based on Cunningham’s research in the DHS Student and Alumni network, visit http://www.dhsnetwork.org/newsletter.htm and scroll to the September 2007 edition.
‘Temporal Tug’ opens this week

Artwork by Matt DeFord, assistant professor, Creative and Performing Arts, will be featured in an exhibit in Shreveport during the month of November. The exhibit, entitled “Temporal Tug,” will be featured at the Multicultural Center of the South on Texas Street.

“It’s an illustration of the difficulties that we pass through as mortals, yet there is an element of overcoming and peace involved in the struggle,” DeFord explained. “The pieces are clay, wood, rope and steel.”

A reception will be held on Thursday, Nov. 1. For more information, visit http://www.mccofthesouth.org/default.html.

Stave analysis of Morrison included in Cambridge book

Dr. Holly Stave, associate professor of English in the Louisiana Scholars’ College, has authored a chapter in a critical commentary focusing on the work of Nobel Prize winning African American writer Toni Morrison.

The book, “The Cambridge Companion to Toni Morrison,” is one of a series of companion books in a variety of disciplines published by the University of Cambridge, England. Targeted toward graduate students, it was edited by Justine Tally, professor of American literature at the University of La Laguna, Tenerife, Spain.

Stave’s contribution to the book is a summation of ideas based on her previous writings on Morrison.

“I read a lot of what had been published about Morrison to discover what the recurring themes were, such as her use of narrative voice to replicate jazz,” Stave said. “Morrison is the best living American writer, in my opinion. She is very lyrical, very difficult to read and has an extensive vocabulary with cadences of speech. She is very profound.”

Morrison is one of the most widely studied of contemporary American authors. Her novels, particularly “Beloved,” have had a dramatic impact on the American canon and attracted considerable critical commentary.

The “Cambridge Companion to Toni Morrison” evaluates not only her famous novels, but also her other literary works, her social and literary criticism, and her career as an editor and teacher. Contributions to the book discuss Morrison’s themes, narrative techniques, language and political philosophy, and explain the importance of her work to American studies and world literature.

“This is going to be the piece of my writing that is most read. Probably every library in the country will have a copy,” Stave said. “It’s a nice feeling to see 2-1/2 years of work come to fruition.”
The NSU Elementary Lab School is seeking donations for a used book fair fund raiser to be held Nov. 10-11. Drop off sites are Peoples State Bank, Cane Heritage Realty and PJ’s Coffee and Tea, where drop boxes are located. Books can be dropped off at the Elementary Lab School teacher’s lounge from 3-6 p.m. Nov. 8-9.

The Book Fair will take place from 9 a.m.- noon Saturday, Nov. 10 and from 1-4 p.m. Sunday, Nov. 11 in the Lab School’s second floor conference room.

Books will be available for purchase at the book sale for $3 per book or 5 books for $10. All proceeds will go to the Elementary Lab School’s Technology Department.

**BOOK FAIR**
November 10 & 11
NSU Elementary Lab School

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Counseling and SPS students (Moses Baines, Nkenge Daniels, Jennifer Heidel, Juanita Jones, Bob Jordan, Kendra Romero, and Holley Shivers) who all presented on various counseling-related topics.

Dr. Perkins was also elected as President-Elect-Elect-Elect of the Louisiana School Counseling Association (LSCA). She will be President of LSCA in 2010.

**Drs. Margaret S. Kilcoyne, Julie McDonald, and Walter Creighton**, College of Business, will present a paper entitled “Using Technology Tools to Enhance Learning in Traditional and Distance Courses at the 2007 Delta Pi Epsilon National Conference in New Orleans on Nov. 15-17. This year’s theme is “New Orleans: Rebirth, Progress, and Inspiration.” Throughout the conference research and innovative teaching papers and training sessions will be presented on a variety of topics, including Business Communication, Business Curriculum Development, E-Learning, Financial Education, Issues in Higher Education, Marketing Education, Professional Development Needs, Research Training—Research Design, Data Collection/Analysis and Technology in Education.

In addition, opportunities will be available to meet with the 2008 editors of The Delta Pi Epsilon Journal and the Journal of Applied Research for Business Instruction on Saturday morning.

During the conference, Drs. Kilcoyne and McDonald will serve as discussants.

Delta Pi Epsilon is the national honorary professional graduate society for business educators. Membership is an honor that carries with it the responsibility for advancing a professional interest in business education. Each member is expected to exemplify the high ideals of the Society.

**People...Continued from Page 1**

Dr. Michelle Fazio Brunson in the Department of Family and Consumer Sciences and Patricia Alexander, Shellie Hooper, Amanda Nolan, and Sarah Kate Ramsey, graduate early childhood education students, presented “The Water Project” at the annual Louisiana Early Childhood Association conference in Alexandria on Oct. 26.

**Dr. Rafiqul Islam**, associate professor of the department of Engineering Technology, attended the 6th ASEE Global Colloquium on Engineering Technology in Istanbul, Turkey, to present his paper titled “Evaluation of International Accreditation Achievements and Shortcomings for Engineering and Technology Programs and Their Economic and Social Impacts.” The paper is published in the proceedings CD of the conference.
Yankowski photo exhibit features images of China

Michael and Joanne Yankowski will exhibit 30 photographs in Gallery 2, upstairs in the new wing of the Creative and Performing Arts building. The images were taken while on a one-month tour of China this past summer.

Professor Yankowski teaches photography at NSU and was granted the 2006/07 Donald Derby Endowed Professorship from the School of Creative and Performing Arts. The award partially funded his expenses to tour cultural and artistic sites in China. His wife Joanne, an adjunct instructor in art, accompanied him on the expedition.

“Some of the images include the Great Wall, the Terra Cotta Soldiers at Xi’an, and the Panda Preserve near Chengdu. There are images of people and places unique to China and several shots from Lhasa, Tibet,” he said.

Photographed with 10 mega pixel digital cameras, the large 16” X 20” giclee prints are colorful and detailed. They reflect the Yankowski’s personal impressions of the “mysterious orient.”

Five of Professor Yankowski’s China images are currently on exhibit at Studio 333, Sausalito, Calif. They are part of the International Digital Photography Competition entitled “City Streets.”

The exhibit will be on display in Gallery 2 Nov. 5-23. The gallery is open from 8 a.m.-4 p.m. Monday-Friday. The public is invited to a reception set for 6-8 p.m. Wednesday, Nov. 6.
CONGRATULATIONS

Mrs. Janet Colson, School of Social Sciences, College of Liberal Arts, received notification of an award of $10,522 from the Louisiana Endowment for the Humanities for “2007 National Creole Heritage Celebration.”

Dr. Francene Lemoine, Department of Biological Sciences, College of Science and Technology, transferred with her from Duke University Medical Center in Durham, North Carolina, an award of $165,000 from the Leukemia and Lymphoma Society for “Characterization of Yeast Chromosomes Fragile Sites.” Dr. Zafer Hatahet is collaborator.

Ms. Nancy Alexander, Child & Family Network, Department of Family and Consumer Sciences, College of Science and Technology, received notification of an award of $258,390 from Tulane University for “Child Care Mental Health Consultant Project.” Dr. Pat Pierson and Ms. Diane Aillet are collaborators.

Dr. Vickie Gentry and Dr. Kimberly McAlister, College of Education, received notification of an award of $51,000 from the Louisiana Board of Regents for “Value-Added Teacher Preparation Qualitative Research Study.”

Ms. Sheila Richmond, Louisiana Folklife Center, College of Liberal Arts, received notification of an award of $4,386.81 from the Shreveport Regional Arts Council for “2008 Natchitoches-NSU Folk Festival.”

Dr. Roger Chandler, School of Creative and Performing Arts, College of Liberal Arts, received notification of an award of $2,025.49 from the Shreveport Regional Arts Council for “Natchitoches Parish Iron Pour Project.” Ms. Leslie Gruesbeck is collaborator.

Ms. Shelia Richmond, Louisiana Folklife Center, College of Liberal Arts, submitted a proposal to the Louisiana Endowment for the Humanities for the “Ties to the Isles: British and Irish Traditions in Louisiana Narrative Sessions/2008 Nat-NSU Folk Festival.”

Dr. Gerra Perkins, Department of Counseling, College of Education, submitted a proposal to the University of Louisiana System for “Combating Truancy: A Prevention and Remediation Focus for the N.O. Recovery School District.”

Dr. ElizaBeth Guin, School of Social Sciences, College of Liberal Arts, submitted a proposal to the University of Louisiana System for “Heritage Education at Badin-Roque Historic Site.” Dr. Greg Granger, Dr. Julie Ernststein, Dr. Pete Gregory, Dr. Tommy Hailey, Ms. Melissa Dezendorf, Mrs. Janet Colson, and Ms. Rhonda Gauthier are collaborators.

Dr. Michelle Morris, College of Education, submitted a proposal to the Louisiana Board of Regents, SELECT Grants Program, for “Podcasting and Delivering Online Reading Courses to Teachers in Rural Louisiana.” Dr. Martha Rhymes, Ms. Lisa Rougeou, Dr. Nelda Wellman, and Ms. Dee Dee Perot are collaborators.

Dr. Lissa Pollacia, College of Business, submitted a proposal to the Louisiana Board of Regents, SELECT Grants Program, for “Expanding Online Opportunities in CIS.” Dr. Bill Lomerson is collaborator.

Dr. Leigh Ann Myers, Department of Mathematics, College of Science and Technology, submitted a proposal to the Louisiana Board of Regents Enhancement
ORSP...Continued from Page 6

Program for “Mathematics Experiences Laboratory.” **Dr. Mary Reeves, Ms. Beth Cole, Mr. Eric Fountain, and Ms. Roxanne Lane** are collaborators.

**Dr. Massimo Bezoari**, Louisiana Scholars’ College, submitted a proposal to the Louisiana Board of Regents Enhancement Program for “Enhancement of the Undergraduate Science Programs with NMR Spectroscopy.” Dr. **Margaret Cochran, Dr. Walter Flomer, Dr. Darrell Fry, and Dr. Gillian Rudd** are collaborators.

For more information regarding funding opportunities, visit **ORSP’s website at www.nsula.edu/orsp.**

RESEARCH DAY
April 8, 2008

FIFTEEN PROPOSALS FUNDED FOR NEF AY 2007-08, ROUND 1

Fifteen proposals were funded in the NSU Enrichment Fund Competitive Grant Programs.

Thirteen proposals were funded in the Professional Development program:

**Julie Delabbio**—Biology—Presentation on Farm Biosecurity to the European Aquaculture Community: $5,000

**William Housel**—Social Sciences—New Paradigms in Distance Learning: $1,378

**Jessica Parr**—CAPA/Theatre—Period Jewelry Presentation at the U.S. Institute for Theatre Technology: $2,078

**Andrei Ludu**—Chemistry/Physics—Sabbatical Year: Scientific Research in Superconductivity, Solitons, and Biomathematics: $5,000

**Sheila Richmond**—LA Folklife Center—Fieldwork for the Natchitoches - NSU Folk Festival: $2,448

**Andrew Goodrich**—CAPA/Music—Improvisation in a Secondary Teaching Methods Course: $1,720

**Michelle Morris**—Education—Improving Our Schools: Preservice Teacher Preparation and Inservice Teacher Retention: $3,500

**Phillip Kidd**—CAPA/Theatre—U.S. Institute for Theatre Technology Conference 2008: $2,055

**Christine B. Allen**—CAPA/Music—A Study of “Concerto for Two-Pianos and Orchestra” by Polish composer Andrzej Dutkiewicz: $5,000

**Kioh Kim**—Education—Attending and Presenting at the Society for Information Technology and Teacher Education International Conference in Las Vegas on March 3-7, 2008: $1,884

**Ronald McBride**—Education—Attending and Presenting at the Society for Information Technology and Teacher Education International Conference in Las Vegas on March 3-7, 2008: $933

**Sharon Joy**—CAPA/Music—Music for *Al Andalus! The Legend*, Phase Two: $5,000

**Greg Granger**—Social Sciences—National and Regional Security in Central Asia: Security Community or Security Dilemma? $1,500

Two proposals were funded in the Undergraduate Student Research program:

**Steven Gabrey; Julie Delabbio**—Biological Sciences—Comparison of three environmental treatments to enhance farmed crawfish harvest: $2,477

**Margaret Cochran**—Scholars’ College—The Effects of Combat on Courtship and Breeding in the Snake *Elpahe guttata pantherophis*: $2,500
Sympathy

Dr. Joseph A. Mandarino, father-in-law of Michael Matthews, reference/library instruction librarian, Watson Library, passed away Sept. 18. In lieu of flowers, contributions to the Mt. Sinai Intensive Care Unit of Toronto were made.

Services for Joshua Dale “Josh” Broadway, son of Janet Broadway, administrative assistant in Social Sciences, and nephew of Rickey Broadway, boiler operator in utilities, were held Oct. 4 in Provencal. Josh passed away on Tuesday, October 2. A love fund has been set up at City Bank & Trust Company. If anyone is interested in contributing, please visit any branch of City Bank & Trust Company and make a deposit to the Josh Broadway Love Fund. A spray of flowers was sent to the funeral services from the NSU floral fund.

John G. Maroney of Monroe, husband of Bette Howell-Maroney, assistant professor in the Department of Family and Consumer Sciences passed away Oct. 13. Services were held at College Place Baptist Church in Monroe on Wednesday, Oct. 17. A plant was sent to the services by the NSU Floral Fund.

Thank You

To our Northwestern family,

On behalf of our family we would like to thank you for your support during the days following our son Josh’s death. Your prayers, calls, emails, cards, flowers, and financial support have meant so much. This outpouring of love has helped ease our burden. Thank you again for your love, compassion and support.

Terry & Janet Broadway

Birth Announcement

Phyllis Gardner, administrative assistant to the Dean of Students, and her husband David announce the birth of their grandson, Jadon David Chadbourne, who was born Oct. 10 at Washington Regional Medical Center in Fayetteville, Ark., to Tim and Kacie Chadbourne.

Jadon weighed 8 pounds 10 ounces and measured 20 inches in length. His paternal grandparents are Gene and Phyllis Chadbourne of Troy, Maine.

He was welcomed home by his brother Tyler Chadbourne, 3, and sister Kayla Chadbourne, 16 months.
ECE announces non-credit courses for November

**Instant Piano for Hopelessly Busy People**
*Date:* Nov. 13, T
*Time:* 6-9:30 p.m.
*Fee:* $49 + $25 mat. fee (to be paid directly to instructor 1st night of class)
*Location:* Creative & Performing Arts, Rm. 216
*Instructor:* David Haynes

**CLASSES TO BE TAUGHT IN MANY PHOTOGRAPHY & GARDENING-**

- **How to Get Good Photographs in Low Light Situations & Improving Your Curb Appeal**
  - *Date:* Nov. 5, Mon
  - *Time:* 1:30- 3 p.m.
  - *Location:* Sabine Parish Council on Aging Office
  - *Instructor:* Gale Trussell
  - Take one or both classes for $49

- **Improving Your Curb Appeal**
  - *Date:* Nov. 12, Mon
  - *Time:* 1:30 - 3 p.m.
  - *Location:* Sabine Parish Council on Aging Office
  - *Instructor:* Gale Trussell

- **EMT Basic, Intermediate, & Paramedic Refreshers**
  - State required class to continue certification of EMT Basic (32 hours), Intermediate (44 hours), & Paramedic (48 hours). This is a progressive class.
  - **REFRESHER COURSES ARE FOR PEOPLE WHO ARE ALREADY CERTIFIED EMT-B, EMT-I, & EMT-P.**
  - *Date:* Nov. 27-Dec. 11 (EMT-B)
    - Nov. 27- Dec. 13 (EMT-I)
    - Nov. 27- Dec. 13 (EMT-P)
  - *Time:* 8 a.m.-5 p.m.
    - (lunch on your own from 12-1 p.m.)
  - *Fee:* $75 (EMT-B)
    - $100 (EMT-I)
    - $125 (EMT-P)
  - *Location:* Dodd Hall, Rm. 113
  - *Instructor:* James Harvey


FOR MORE INFORMATION OR TO REGISTER CALL 357-6355 OR 357-5003
ACS experiments expose kids to chemistry

The NSU Chapter of the American Chemical Society celebrated National Chemistry Week October 22-26 with the theme “The Many Faces of Chemistry.”

Under the direction of faculty sponsor Dr. Gillian Rudd, associate professor of chemistry, the students helped Centenary College celebrate NCW at Sci-Port Discovery Center in Shreveport Friday, Oct. 26.

More than 250 fourth and fifth grade students visited the Center from 9 a.m.-1 p.m. to experience the making toothpaste as the “Cosmetic Chemist,” and determining sugar and protein content in pedialyte and powdered milk as “Urine Analysis: Chemists invent ways to analyze for substances.” They also experimented with water absorbent polymers as, “Chemists invent new materials” and explored memory metal and an atomic trampoline (liquid metal).

The ACS students involved were Miranda Kilgore, Maegan Mclellan, Emmanuel Reyes, Ryan Metzger, Melissa Wilkerson, Stacy Miller and Alanna Brauer.

ACS students have an outreach planned at St. Mary’s School Nov. 9. Students will be taken through the ChemVention, the effect of chlorine on swimming suits, using a pre-organized kit on the colorful chemistry of acids and bases that are used.

NSU Theatre & Dance will present “Endgame”

The NSU Theatre and Dance Department will present "Endgame" by Samuel Beckett Wed, Nov. 7 - Sat, Nov. 10 and Tues, Nov. 13 - Fri, November 16 at 7:30 p.m. each evening in Theatre West. Tickets are $10; $7.50 for senior citizens (65+). NSU and LSMSA will be admitted free upon presentation of their current school ID. Reservations will be necessary for this production. Call (318) 357-4483. This production is not recommended for children under 13 years of age.

"Endgame" is a one-act play with four characters. It was originally written in French, entitled "Fin de partie" and translated into English by Beckett. It is commonly considered, along with such works as "Waiting for Godot," to be among Beckett's most important works.

According to Scott Burrell, director, this is the 50th anniversary of the writing of "Endgame," which is a famous piece of absurdist theatre.

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According to Scott Burrell, director, this is the 50th anniversary of the writing of "Endgame," which is a famous piece of absurdist theatre.

“This work was chosen because it is taught in some of the theatre classes. It is a valuable piece of dramatic literature and validates what is taught in class. The theme of the play is especially relevant to things happening in post-Katrina New Orleans and other parts of Louisiana," Burrell said.