Request for Curriculum Proposals for Summer Bridge

The Dean’s Office is soliciting curriculum proposals for Summer Bridge 2009 scheduled for July.

All faculty are invited to submit a proposal for a science, math or information technology course that would include 10 hours of instruction geared for sophomores or juniors in high school.

Proposals should include the title of the course, course description, budget, facility requirements, learning outcomes and expected final product such as a student produced power point, project, presentation or poster.

The Summer Bridge Curriculum Committee will choose four to five courses to offer during the week-long summer camp for female high school sophomores and juniors interested in science, math and information technology.

Faculty who teach during Summer Bridge will be compensated. For more information about compensation, contact the Dean’s Office.

Interested faculty should email their proposals to Ann Brown, Assistant to the Dean, by Nov. 3, 2008.

Faculty Work Displayed in Dean’s Office and Public Boards

Dean Rogers would like to display CSAT faculty scholarly work in an area of distinction located in his office, 127 Davis Hall. He invites faculty who have published books or journal articles to submit their work for inclusion.

In addition, several of Davis Hall’s bulletin boards will be used to highlight faculty and student collaboration and outstanding “student stars.”

Please contact Ann Brown if you have student profile or collaboration story ideas for inclusion on these bulletin boards.
Rogers Research Award Available for CSAT Students

The 2009 Rogers Undergraduate Research Award for the College of Science and Technology will fund an outstanding undergraduate research project conducted during the spring and summer of 2009 and completed during the 2009-2010 academic year.

“My wife Valerie and I decided to create the Rogers Undergraduate Research Award for CSAT students, because we highly value the culture of mentoring that permeates the college, and we have witnessed how student lives are transformed by working with faculty members on special projects, in the field and in the laboratory,” says CSAT dean Orion Rogers.

One award of $500 will be granted on a competitive basis by the CSAT scholarship and awards committee to a current sophomore or junior undergraduate student enrolled in the college. Applicants must be a full-time RU undergraduate student and must remain enrolled at RU through the completion of their project.

Working in collaboration with a CSAT faculty member, each award recipient will plan and implement a substantial and significant research project.

The applicant should identify and meet with a faculty sponsor to discuss the proposed project early in the fall semester. The faculty sponsor will write a letter of support on behalf of the student’s proposal. The sponsor of the student who received the award will submit a narrative assessment of the student’s project upon its completion.

Applicants are encouraged to think creatively in designing their research projects. Proposals focusing on any of the degree programs in the CSAT will be considered. Proposals can integrate interdisciplinary approaches.

Projects may incorporate travel for field work and purchase of laboratory equipment and supplies.

During the research project, the award recipient will create a bibliography of relevant literature, read previous reports to research the hypothesis if appropriate, establish contacts with professionals in the field, and produce a professional paper or present results of the project at the RU Undergraduate/Graduate Student Engagement Forum in April.

Application deadline for the Rogers Undergraduate Research Award for the College of Science and Technology is Dec. 5, 2008. For application materials or more information, contact Ann Brown at Abrown238@radford.edu.

CSAT Policies for College-Based Brochures and Promotional Materials

The CSAT has been advised that all brochures, newsletters and promotional materials for public audiences must be created by the Office of University Relations.

If you need a publication produced to promote a college activity to the general public, contact Ann Brown in the Dean’s Office.

She can assist you through the publication conception, creation and approval process. Publications take at least a month to be produced through this process.

“My wife Valerie and I decided to create the Rogers Undergraduate Research Award for CSAT students, because we highly value the culture of mentoring that permeates the college, and we have witnessed how student lives are transformed by working with faculty members on special projects, in the field and in the laboratory.” - Orion Rogers, Dean
Employers Visit Campus to Recruit Soon-To-Be Graduates

Close to 50 employers visited campus Tuesday to meet and interview RU students. Companies included Eastman Chemical, Advance Auto Parts, Modea, Aerotek and Barr Pharmaceuticals. About 170 students pre-registered for the event including information technology senior Shane Moore.

“I am able to learn more about companies that I would never have thought of before. I never thought Advance Auto Parts would be interested in me,” says Moore. “I’m interviewing the employers just as much as they are interview- ing me,” he adds.

Computer science alumnus Brad Walker returned to campus today as a representative of Eastman Chemical. The May 2008 graduate was hired by Eastman after he attended the career fair last year. Walker is now a systems analyst and a member of the Global Network Architecture Team at Eastman. He says math faculty member John McGee was instrumental in his success at Radford. McGee helped Walker earn an internship with Revware Incorporated in software development.

Walker also credits Jeff Pitges and Ned Okie for taking the time to help him gain the knowledge he needed to be successful at Eastman.

Student Spotlight: Nana “T-Chee” Kum

Nana “T-Chee” Kum, computer science major with a networks concentration and member of the Theta Iota chapter of Alpha Phi Alpha Fraternity, was recently named a recipient of one of three national Distinguished Collegian Awards by the Alpha Phi Alpha Education Foundation, Inc.

The Alpha Phi Alpha Education Foundation, Inc., is a nonprofit charitable arm of Alpha Phi Alpha. The foundation focuses on scholarships, programs, training and development of the membership.

Kum was nine years of age. “I was so interested in learning about computers growing up that I literally tore the first three computers my father purchased apart and tried to put them back together,” says Kum. “Of course, I got punished for it, but I think the punishment was worth the computer experience.”

During Kum’s sophomore year, he was inducted into Upsilon Pi Epsilon, the international honor society for the computing and information disciplines. He became president of RU’s chapter during his junior year and he’s still involved as a senior. Kum is successful both in student life activities and in the classroom. He says his favorite professor is information technology assistant professor Hwajung Lee. “She is very dedicated to helping her students get the best learning experience from the curriculum she teaches. She has helped me enhance my skills in programming and networks, and I can honestly say that she has made the most impact on my learning experience here at Radford,” says Kum.

“(Dr. Lee) is very dedicated to helping her students get the best learning experience from the curriculum she teaches. She has helped me enhance my skills in programming and networks, and I can honestly say that she has made the most impact on my learning experience here at Radford.” - “T-Chee” Kum
The College of Science and Technology inspires students to look beyond their world and into the global arena of ingenuity, invention and research.

College faculty dedicate themselves to their students’ success. They are mentors who guide inquiring minds through the process of discovery in the classroom and in real-world research.

The College of Science and Technology houses the Departments of Mathematics and Statistics, Information Technology, Geology, Chemistry and Physics, and Biology.

College faculty and students collaborate across disciplines in research and real-world problem solving. This synergy inspires many opportunities for faculty and student innovation to take root and grow to meet the ever changing needs of the global community.

Thank you for being a part of our CSAT faculty. You inspire excellence within our students and your colleagues.