

## Academic honors announced

The following students earned a grade point average between 3.8 and 4.0 on a 4.0 scale during the fall semester 1996-97.

### PRESIDENT'S LIST

Adams, Philip Andrew, Arcadia, CA  
 Annis, Kimberly Jo, Birdsboro, PA  
 Arias, Ricardo Salazar, Enfield, NC  
 Bass, Rachel Anna, Courtland, VA  
 Bostian, Kevin Michael, Durham, NC  
 Brown, Renee Lynn, Culpeper, VA  
 Canaday, Brian Allen, Radford, VA  
 Collins, Debra Ivory, Roanoke Rapids, NC  
 Cooke, Stephanie L., Virginia Beach, VA  
 Copeland, Evelyn Michelle, Windsor, NC  
 Davies, Meredith Llyn, Moyock, NC  
 Deacon, Angela Maria, Conway, NC  
 Dowdy Jr, Donald Dean, Currituck, NC  
 Driscoll, Travis Andrew, Lexington, NC  
 Faucette, Kristen Diane, Hubert, NC  
 Hall Jr, Mark Anthony, Baltimore, MD  
 Harrell, Christy Renee, Tyner, NC  
 Harris, Tracy Elizabeth, Southold, NY  
 Hayes, Jonathan William, Dayton, OH  
 Hetherington, Kimberly Jo, Key West, FL  
 Howell, Kristopher Ryan, Turbeville, SC  
 Jackson, Margaret Grace, Kill Devil Hills, NC  
 Jones, Elizabeth F., Carrsville, VA  
 Judy, LouAnne Marie, Monroe, NC  
 Kase, Ayumi, Inba-gun Chiba, Japan  
 Laine, Tina Anneli, Castro Valley, CA  
 Lassiter, Lisa R, Hobbsville, NC  
 Lewis, Brooks Gardner, Roanoke Rapids, NC  
 Lowery, Angela Mae, Prince George, VA  
 Madren, Heather Summers, Burlington, NC  
 McAdoo, Brian James, Beaver Falls, PA  
 Meurs, Karyn Suzanne, Roanoke Rapids, NC  
 Miller, Monique Hicks, Gates, NC  
 Montgomery, Sarah Hudson, Richmond, VA  
 Mowell, Kimberly Mundie, Hobbsville, NC  
 Murray, Allison Hope, Charlotte, NC  
 Neuhaus, Jennifer Marie, Havelock, NC  
 Nurney, Joanne Frances, Capron, VA  
 Outland, Lisa Brayhill, Moravian Falls, NC  
 Paratore, Lori, Anne Amisville, VA  
 Peterson, Melanie Christy, Warren, PA  
 Pope, Tracy Kress, Wadesboro, NC  
 Roe, Brian Patrick, Poquoson, VA  
 Rothery, Kelly Lynnette, Newport News, VA  
 Schledorn, Elizabeth M, Danville, VA  
 Scott, Christie, Lynn Danville, VA  
 Simmons, Erica Dianne, Harrisonburg, VA  
 Smith, Weylon Jeffrey, Antioch, CA  
 Story, Douglas Eliot, Zuni, VA  
 Vann, Angela Kaye, Boykins, VA  
 Vann, Heather Dawn, Murfreesboro, NC  
 Vinson, Nicole Lynn, Franklin, VA  
 Walker, Valerie Lynne, Crestline, CA  
 West, Tracy Jo, Camden, NC  
 Williams, Heather Patrice, Wappingers Falls, NY

### DEAN'S LIST

The following students earned a grade point average between 3.25 and 3.79 on a 4.0 scale during the fall semester 1996-97.

Adair, Robin Elaine, Accokeek, MD  
 Allen, Charles Stephen, Williamstown, NJ  
 Allgood, Laura Beth, Danville, VA  
 Bass, Wendy Owens, Courtland, VA  
 Bennett, Jason Michael, Sophia, NC  
 Bennett, Tracy Lynn, Arlington, VA  
 Bresnock, Theresa Marie, Marietta, GA  
 Britt, Heather Marie, Raeford, NC  
 Byrum, Stacey Lynn, Edenton, NC  
 Clark, Christina Melinda, Manassas, VA  
 Clements, Lisa Sykes, Garysburg, NC  
 Cook, Angela Louise, Charleston, SC  
 Cooper, Troy, Como, NC  
 Copeland, Sheila Ann, Carrsville, VA  
 Cox, James Allen, Radford, VA  
 DeJarnette, Sarah Danielle, Gladys, VA  
 Dodson, Scott Edward, Cambridge, MD  
 Ellis, Cindy Marie, Conyers, GA  
 Esworthy, Justin Wage, Endwell, NY  
 Eure, Katheryn Vinson, Gates, NC  
 Evans, Thomas Daniel, Norlina, NC  
 Fenn, Aaron, Petersburg, VA  
 Ferrettino, Linda Louise, Durham, NC  
 Fitzpatrick, Sheila Rose, Virginia Beach, VA

## The New Curriculum



*Editor's note: This column will host a series of articles by Chowan College faculty members who will introduce courses of the new curriculum leading to bachelors degrees. Emily Deaver's perspective on her environmental science course is the second of this series.*

### Biology 455: Environmental Science

Our society is hooked on chemicals of its own making—virtually every aspect of our lives is touched by these substances. A trip to the family doctor may result in the use of chemical agents to aid in diagnosis (like radiographic images); vegetables you eat may contain chemicals used to promote pollination or prolong the shelf life; pesticides are used to kill insects in your garden or mold on your shower tile; and water you drink may contain a variety of toxicants from industrial, agricultural or natural sources. But how much should one worry about toxic substances when there are so many other things to deal with in life?

This course examines the effects of environmentally hazardous substances on the ecosystem, including the human population. We will explore how scientific investigations, public perception and economics all come into play in risk assessment and development of the regulatory framework designed to protect us, and we will look at when and why one should be concerned about particular materials.

In addition to concern over the health threat to individuals from direct exposure to hazardous substances, there are more global issues to examine: the greenhouse effect, stratospheric ozone depletion, loss of habitats (tropical rain forests and fisheries), and acid rain. The success of the solutions to these problems depends on political leadership as well as individual responsibility. The one crucial factor required for these problems to be solved is a halt to the growth of human population.

Because of the rapid increase in the size of the human population, and concurrent advances in industry, our once benign interaction with the ecosystem has changed into one, in which the demand for resources such as food, water and habitable space is exceeding the supply. An end product of the consumption of these resources is a tremendous amount of waste. With our increased environmental awareness, one of the most common questions asked of grocery shoppers today is "Paper or plastic?" The bag with the lowest pollution burden, however, may not be the paper one, as is commonly assumed. Issued of waste

minimization and recycling will be considered and evaluated.

Environmental issues revolve around the natural ecosystems. A study of what ecosystems are, how they function, how balances are maintained, and how they evolve and change will provide an understanding of how the natural world works, and an insight into why environmental problems have developed. By necessity, therefore, this course begins with a segment focused on ecology, or the interaction of living and non-living systems.

The course will then expand into the significant impact that the human species has had on the ecosystem. Throughout the course, students will be challenged to "think environmentally" and explore ethical issues associated with the environmental movement.

But the course is not all doom and gloom. The semester will culminate with a study of the advances we have made in protecting our environment. Alternative methods such as biological controls, integrated pest management, wetlands mitigation and pollution avoidance instead of pollution control have contributed to the preservation and restoration of habitats. The concept of sustainable management may provide a base from which human civilizations can continue to develop technologically and socially. Because environmental concerns will have a bearing in virtually all future decision-making processes, it is important for students to develop an understanding of the factors underlying environmental issues, and build a framework of knowledge into which they can readily integrate additional information. With some intelligence, foresight and compassion there is great potential for the human species to shape its own destiny and provide for the future of our species.



Dr. Emily Deaver

Futrell, Brian Keith, Capron, VA  
 Gallop, Patricia Bishop, Camden, NC  
 Galtress, Lilly Marie, Murfreesboro, NC  
 Gaskins, Tammy Denise, Emul, NC  
 Gatti, Allison Marie, Smithfield, VA  
 Geary, Shawn Samuel, Springfield, VA  
 Geiger, Peter James, Suffolk, VA  
 Gibson, Angel Katrina, Waynesboro, VA  
 Gioco, Davi Placido, Wethersfield, CT  
 Gorree-Ndye, Ngenarr Louise, Banjul, Gambia  
 Gray, Kimberly A., Severn, MD  
 Grissom, William Vance, Chesapeake, VA  
 Grooms, David Alan, Grafton, VA  
 Gubitz, Michael Nan, Conway, NC  
 Guy, Andrea Lynne, Honeybrook, PA  
 Hartline, Carolyn Moore, Seaboard, NC  
 Hartline, David Eric, Seaboard, NC  
 Hasty, Jamie Dare, Jackson, NC  
 Hawkins, Antuan De-carloson, Kinston, NC  
 Holland, Kellee D., Norfolk, VA  
 Holm, Marjorie H, Franklin, VA  
 Holt, Michelle Leigh, Virginia Beach, VA  
 Howard, Jeremy Edwin, Wilson, NC  
 Jordan, Bonnie Palmer, Winton, NC  
 Kowalsky, Kimberly Rae, Alexander, NC  
 Lanier, Laura Jean, Conway, NC  
 Matthews, Debra Christine, Newsoms, VA  
 Matthews, Melissa Coleen, Greenbackville, VA  
 McCurnin, Tennille, Barby, Mardela Springs, MD  
 Menichelli, Andrea, DeAnn, Greenville, NC  
 Mitchell, Nancy Michelle, Tappahannock, VA  
 Moore, Miranda Lee, Seaford, VA  
 Murden, Jennifer Lynn, Norfolk, VA  
 Murphy, Mark Patrick, Old Town, FL  
 Nace, Susan Varnell, Franklin, VA

Ober, Christina Grace, Edenton, NC  
 Pendergrast, Jennifer Marie, Pulaski, VA  
 Perry, Doris Hope, Suffolk, VA  
 Petersen, Jack Aaron, Greencastle, PA  
 Pott, Renee Ryan, Moyock, NC  
 Price, Cassie Aileen, Suffolk, VA  
 Quarles, Gwendolyn Katrina, Bowie, MD  
 Rash, Cindy Jo, Jasonville, IN  
 Rea, Adrienne Dunning, Aulander, NC  
 Reed, Robert, Scranton, PA  
 Roper, Libby Kirsten, Grantsboro, NC  
 Saunders, Bridie Ann, Gates, NC  
 Silver, Kelly Nicole, Richmond, VA  
 Smale, Randy Joseph, Prince George, VA  
 Staples Jr, Edwin Bruce, Goldsboro, NC  
 Stokes Jr, Andrew Jackson, Franklin, VA  
 Story, Barbara Jo, Newsoms, VA  
 Stuffel, Mark Iden, Newport News, VA  
 Tansey, Martin Patrick, Lake Arrowhead, CA  
 Underwood, Christie Marie, Norfolk, VA  
 Vesey, Alecia Danielle, Virginia Beach, VA  
 Vinson, Deborah Bryant, Pendleton, NC  
 Walker, Tia Kalynn, Suitland, MD  
 Weir, Robyne Renee, Winchester, VA  
 West, Ayrako Margreico, Havelock, NC  
 White, David Marshall, Alexandria, VA  
 Whitehurst, Jennifer Wise, Franklin, VA  
 Wolfe, Timothy Randall, Southern Pines, NC  
 Worley, Kimberly Dawn, Woodbridge, VA  
 Yates, Stephanie Brooke, Ahoskie, NC  
 Yeager, Jessica Aline, Chapel Hill, NC  
 Yusko, Michael Anthony, New Port Richey, FL  
 Zephir Jr, Karl Gregory, Windsor, VA  
 Zollo, Chea Margaret, Moyock, NC