

# Contents

## Report on Academic Excellence

|                                                                                                                                         |    |
|-----------------------------------------------------------------------------------------------------------------------------------------|----|
| Academic Excellence – The Meeting and the Sourcebook – <i>Neal Abraham</i> .....                                                        | 11 |
| Science and the Liberal Arts College – <i>Donald Kennedy</i> .....                                                                      | 16 |
| Reflections on Excellence in Science Education – <i>David Shi</i> .....                                                                 | 21 |
| Book Review: Academic Excellence: The Role of Research in the Physical Sciences at Undergraduate Institutions – <i>Tom Wenzel</i> ..... | 24 |

## September Focus on Students with Special Needs

|                                                                                                                          |    |
|--------------------------------------------------------------------------------------------------------------------------|----|
| Students with Disabilities: Unique Challenges and Opportunities for Science and Math Programs – <i>Jill Manske</i> ..... | 27 |
| Laboratory Experiences and the Visually-impaired Student: A Personal Journey – <i>Mary Puglia</i> .....                  | 32 |
| Undergraduate Research and the Success of First-generation Low-income College Students – <i>John Ishiyama</i> .....      | 36 |

## Other Articles

|                                                                          |    |
|--------------------------------------------------------------------------|----|
| Elon University Shines; CUR Blossoms .....                               | 7  |
| CUR is Proud to Introduce the Social Sciences Division Councilors! ..... | 10 |

## Departments

|                                                                                        |    |
|----------------------------------------------------------------------------------------|----|
| From the Editor – <i>Kelly McConnaughay</i> .....                                      | 4  |
| From the President – <i>Michael E. Nelson</i> .....                                    | 5  |
| From the National Executive Officer: CUR 2002 Update – <i>K. Elaine Hoagland</i> ..... | 6  |
| 2001-2002 Committee Chairs .....                                                       | 35 |
| 2001-2002 Executive Board .....                                                        | 48 |
| CUR National Office News .....                                                         | 42 |
| The CUR Liaison Program .....                                                          | 42 |
| 2001 CUR Liaisons .....                                                                | 42 |
| CUR Calendar .....                                                                     | 42 |
| Call for CUR Councilor Nominations – All Divisions .....                               | 46 |
| Submission Guidelines – .....                                                          | 47 |
| Letters to the Editor Policy – .....                                                   | 47 |
| News from Inside and Outside of CUR – <i>Dr. Anne Skinner</i> .....                    | 48 |