## CONTENTS

### INTRODUCTION

– Rebecca M. Jones

### PERSPECTIVES

Leveling the Playing Field for PUIs: Additional Avenues of Undergraduate Research Support from the National Science Foundation

– Thomas J. Wenzel

### PRACTICE

Using Course-Based Research to Evaluate Best Practices for Teaching Writing to First-Year Engineering Students

– Vivian Kao, Nicole Hedges, Samuel Huggins, Bethany Balint, Mark Kocherovsky, Katelyn Seger, and Amar Dabaja

Flying with Swallows: A Model of Undergraduate Research Programs

– Joanna Werner-Fraczek

Development of a Mentoring Course-Based Undergraduate Research Experience (M-CURE)

– Heather E. Dillon

Promoting Interdisciplinary Undergraduate Humanities Research: A Case for the Continuous Course Lab

– Halcyon M. Lawrence, Sarah Lozier-Laiola, Alexis Scott, and Brian Larson

### INTERNATIONAL PERSPECTIVES

Preservice Teachers on Their Way to Becoming Reflective Practitioners: The Relevance of Freedom of Choice in Research-Based Learning

– Franziska Nikolov, Constanze Saunders, and Heike Schaumburg

### ASSESSMENT

Assessment of Undergraduate Research Learning Outcomes: Poster Presentations as Artifacts

– Rachel Hayes-Harb, Mark St. Andre, and Megan Shannahan

What We Know and What We Need to Know about Undergraduate Research

– Heather Haeger, John E. Banks, Camille Smith, and Monique Armstrong-Land

Flip the Switch: Illuminating the Existence of Creativity and Research in All Disciplines

– Mary Crowe, Sara Fletcher Harding, and Beth Gibbs

### DEPARTMENTS

Book Review

Undergraduate Research in Film: A Guide for Students

– Allen Larson