TABLE OF CONTENTS

Editor's Note, by Vladimir V. Riabov, Editor

Associate Editors and Editorial Board

Reviewers for January 2021 - December 2022

RIVIER'S HERITAGE

A Saint Among Us: Honoring Marie Rivier's Sainthood, by Michelle Marrone

Sharing Her Story

90th Anniversary Display Celebrates Rivier's Proud History

FROM OUR ARCHIVE:

<u>Reflections on Blessed Anne-Marie Rivier and the Mission of Rivier College</u>, by *Eric Drouart*, a former colleague from the Division of Business Administration

<u>Celebrating 75 Years</u>: a Look at Rivier's Roots, by **Jennifer J. Liskow**, a former colleague from the Office of Marketing & Communications

The Story of Rivier's Legacy Continues, by **Jennifer J. Liskow**, a former colleague from the Office of Marketing & Communications

RIVIER PERSPECTIVES

Ceremony Celebrates the Reimagining of Sylvia Trottier Hall

Technology and Innovation, by Michelle Marrone

Construction Begins on Rivier Village

RESEARCH & SCHOLARSHIP

FACULTY-STUDENT RESEARCH

Scientific Advances: NH-INBRE Faculty-Student Research

Advancing Modern Healthcare

Macrophage-Derived Extracellular Ribonucleic Acid Influences Inflammatory Profile of Macrophages in Dose-Dependent Manner, by *Allison Alton '22, Brian Patenaude, and Tatiana Jones*, *Department of Biology*

FIRST ARTICLE

MQTT - How it Works, by Rebecca S. Goodrich, M.S. in Computer Information Systems Program

ESSAY

"Dominion" and Our Ecological Crisis, by Sr. Lucille C. Thibodeau, pm, Professor Emerita of English

PEDAGOGY

Welcoming International Students Back Through a Learner-Centered Approach, by *Rita L. Naughton*, *Institute of Language Education, Southern New Hampshire University*

COMPUTER APPLICATIONS: NUMERICAL ALGORITHMS

Modeling the Lorenz System's Chaotic Behavior, by Vladimir V. Riabov, Department of Mathematics and Computer Science

Numerical Simulation of Gas Injection, by *Vladimir V. Riabov*, *Department of Mathematics and Computer Science*

FACULTY SPEAKER SERIES

Dr. Cheryl Maykel, "The Role of the School Psychologist in Promoting Wellness" (March 30, 2021)

Dr. Nicole Loring, "Corruption, COVID, and a Coup d'état: What's Happening in Myanmar" (October 21, 2021)

Dr. Mary Welsh, "Weaving Your Story Forward Using Positive Reflection" (November 9, 2021)

Dr. Tatiana Jones, "No Two Immune Responses Are Alike!" (February 15, 2022)

Prof. Sarah Phillips, "Was It a Dash or Dollop? Sometimes or Often? The Assessment of Diet and Physical Activity in Children" (April 13, 2022)

Dr. Angela Mousseau, "Understanding and Cultivating Well-Being" (October 20, 2022)

Dr. Mark Meehan, "Transforming Hearts and Minds: The Role of Literature in the Business Classroom" (November 16, 2022)

CREATIVE WORK

ART EXHIBITIONS

"News from the Art Gallery": The Exhibit "MINdING THE DEEP" (March 29 – April 29, 2021), by **Sr. Theresa Couture, pm**, Director of the Art Gallery

"Les Santos" - French Folk Art of Provence (October 25 – November 23, 2021)

"Luba Lukova: Designing Justice" (January 31 – March 3, 2022)

"Myths & Mechanics": The Painting of William Cheever Turner (March 21 – April 28, 2022)

"The Woods Wrap Around Us": Monoprints and Encaustic Paintings by Loretta CR Hubley (September 26 – November 3, 2022)

"Circles of Wonder": Christmas Crèche Figures from Around the World (December 1 – December 12, 2022)

RIVIER PROFILES

Honoring Visionary Leadership and Dedicated Service: The Honorable Joseph Laplante

Honoring a Lifetime of Achievement: Kathleen Sughrue Conole '70 and Cheryl Cummings '70

2022 Sister Madeleine of Jesus Award Recipients: Linda Trafton Fraser '72/'88G and Catherine Eames '81

Making a Difference: Anna Molettieri, by Michelle Marrone

Making a Difference: Dr. Sabrina Rando '07, by Michelle Marrone

Alumni Spotlight: Matt Blair '09/'11G

Alumni Spotlight: Kyla Nieder '14

IN MEMORIAM

Rivier Remembers Sister Theresa Lawrence, pm, Class of 1957

Rivier Remembers Sister Janice Perrault, pm, Class of 1966

RIVIER NEWS

Davis Educational Foundation Grant Enhances Student Success

Memorial Scholarship Honors Rivier's 30-year Chaplain

ABOUT THE AUTHORS