

*The* UNIVERSITY of VERMONT  
RUBENSTEIN SCHOOL  
OF ENVIRONMENT AND NATURAL RESOURCES



***CLASS OF 2021 COMMENCEMENT***  
*THURSDAY, MAY 20*

# **TABLE OF CONTENTS**

## **BACHELOR OF SCIENCE GRADUATES**

Environmental Sciences  
Environmental Studies  
Forestry  
Natural Resources  
Parks, Recreation and Tourism  
Wildlife and Fisheries Biology

## **MASTER OF SCIENCE GRADUATES**

## **MASTER OF PROFESSIONAL STUDIES GRADUATES**

## **DOCTOR OF PHILOSOPHY GRADUATES**

## **UNDERGRADUATE HONOR COLLEGE THESES**

## **CLASS OF 2021 STUDENT AWARDS**

## BACHELOR OF SCIENCE

### ENVIRONMENTAL SCIENCES

Alexis L. Alderman	Kathryn Anne Koberna
SkyLAR Rose Alger	Mary Rose Kuehl
Emil Assing	Avery Laura Lentini
Carl Betz *** $\phi$	Ben Emmanuel Levy
Simon Louis Bradley	Olivia Lopez
Lillian Susan Brown	Kaitlyn Maines
Alexis Danielle Cady *	Meredith Elizabeth Maloney
Natalie Ann Davis	James L. Mashrick
Cedric DeMayo	Calvin Alexander McClellan $\phi$
Michael Richard Dickhaut	Anne Renee Morrison *
Megan Maryellen DiSaia	Hannah Mae November
Kaitlyn Dorn ***	Paige Margaret Olimpio
Sage Doviak	Nathan Peck
Isabelle Outlaw Ellenthal	Julia L. Petty * $\phi$
Maya Fein-Cole $\phi$	Margaret Reilly
Murray Jay Friedberg	Jonathan Douglas Campbell-
Annabeth Lynn Gausepohl	Rickwood
Andrew Christopher Gigler	Kayla Riker
Sophia Gillies	Nathan Turner Ryan
Maya Siuwei Bridget Grealley	Madeline Frances SanAngelo $\phi$
Benjamin Richard Groppe	Catherine Ruth Schaffer *
Emily Halporn	Emma Schneider
Patrick M. Heaton	Michael James Setzke
Rowan Henke	William Connor Stack
Sophie A. Heny	Nicholas John Steinthal
Anna Marie Hildebrand	Lucca Sterrer
Max Daniel Hooper	Marissa Swartley
Janelle A. Housman	Olivia Katherine Vought *** $\phi$
Desmond Kager	Emily Marie Wong
Vivian Jean Karins	Savannah Zigic **

### ENVIRONMENTAL STUDIES

Saylor Abel	Madison Jaye Busacco *
Natalie Albrecht	Mary Chasen
Julia Marie Bailey-Wells	Marisa Cigliano
Baker Baker	Katie Mae Cohen
Lauren A. Barnes	Alexandra Cosette De Jarnett
Michaela Beavers	Martica Drury
Abigail N. Bruzas	Erik Følling Faber
Peri Buck	Carrie Jan Finkelstein
Kathryn Bay Burnham	Indigo Glaza

## **BACHELOR OF SCIENCE**

### **ENVIRONMENTAL STUDIES**

Rebecca Gredone *	Gabrielle Kaiden Ostrov
Olivia Sprague Hart **	Elizabeth Anne Palmer
John P. Helsel	Rowan Abigail Pannier
Justine Rose Henninger	Molly Perry
Dylan Hertzberg	Sydney Brooke Pleasic
Maxwell C. Horovitz	Emma Sophia Radeka
Evan Jean	Sarah M. Routhier
Sarah Indy Jeremy	Annika Ruben
Leah Kelleher ***	Elyse Joyce Ruthenbeck
Amanda Bailey Keyes	Sarah Sciortino
Chloe Francis Kirk	Joseph Scrimenti *
Sara Rose Klimek *	Anna Eileen Shea
Julia Yvonne Koepf	Ava Simon
Emet Koffman	Isabella Smith
Madeleine Rae Kovacs	Sophia Louise Huntley Smith
Margaret S. Lee	Haley Jessica Sommer
Aaron Lehr	Emma Rose Thurman
Olivia Liu	Linnea Ann Tootsov
Kristen Livingstone *	Catherine Elisabeth Van Even
Elizabeth Mackin	Matt Voss *
Ernesta McIntosh	Keegan P. Wallace
Molly Meehan	Jacob Weinstein
Katherine Moody	Luke Charles Zarzecki
Cailan Nyaradzo O'Leary	
Evan Olson	

### **FORESTRY**

Emmie Rose Bryson	Alexander Kaufman
Devin Crane	Olivia Lopez
Kevin C. Fink	Thomas Roe McGrade
Samuel Chaisson Gerteis	Brooke Kathryn McIntire
Christopher Guido	Ezra Alexander Racine
Lucas Hiltz	Sloan True
Tyler Hughes	Annie Vance

### **NATURAL RESOURCES**

Sofia Benito Alston	Kerry Rose Brosnan
Jessica Margaret Biresch	Amalia Rose Butler
Thea Bjornson	Wren M. Garrison
Mackenzie Paige Bolas	Corinne Hill-James *
Ilan Briggs	Maxwell Horte

## NATURAL RESOURCES

Anna Everett Hulse	Zoey Elizabeth November **
Amber L. Jones	Caleb Alexander O'Connor-
Frances Kelley	Genereaux
Patrick Kitchen	Tobias Moreau Robinson
Anna Marchessault *	Colleen Elizabeth Ward
Derek Robert Marquis	Marissa Yanez
Jordan McEvoy	
Anna Nicole Meeks	

## PARKS, RECREATION AND TOURISM

Rachael DesRochers	Trevor Michael Sasso
Ethan Fox Jablonow	Stephen E. Schoeffel
Bridger Daniel McDougall Keleher	Jacqueline Sheridan
Michael Christopher Langham	William Sayles Steere
George Mckeever-Parkes	Samantha King Verge
Mackenzie Raymond	
Nina Rizzi	

## WILDLIFE AND FISHERIES BIOLOGY

Jasper Barnes	Michael McGuire
Luke Beeson	Isabel Helena Mize
Brandon Bishop Carrier	Thatcher L. Morrison
Alexis Joanne Chagnon	Meghan Murphy
Cheyenne Rae Connelly	Alexander James Naccarato ** <sup>ϕ</sup>
Samuel M. Dillner	Juniper O'Keefe Butterfly-
Kayley J. Dillon <sup>ϕ</sup>	Nardiello Smith
Caroline Bliss Dunbar	Indira G. Palmer
Taylor Mackenzie Ehwa	Emily Martin Quirk
Breanne Claire Ellis	Mariah S. Rivera
Caroline Bright Galliani	Grace Underhill
Zoe Rae Gliosco	Nigel K. Waring <sup>ϕ</sup>
Emma Grace Janson	Matthew Alden Weir
Elizabeth Catherine Kaufmann	
Grace Louise King	
Sophia Marinace	

\*\*\* Summa Cum Laude—top one percent of graduating class

\*\* Magna Cum Laude—next three percent of graduating class

\* Cum Laude—next six percent of graduating class

<sup>ϕ</sup> Honors College Scholars

*The University of Vermont's Honors College is a three-to-four year academic enrichment experience that culminates in the preparation, presentation, and defense of a senior honors thesis.*

## MASTER OF SCIENCE

- Joshua A. Blouin. Assessing Moose Habitat Suitability and Fitness  
Consequences of Habitat Selection During Two Critical Winter  
Tick Life Stages in Vermont, USA.  
Advisor: James Murdoch, PhD  
Theresa Donovan, PhD
- Daniel J. Cottle. "The Soul is Symphonic" - Lessons on Practicing Music as  
Ecological Philosophy from Hildegard of Bingen.  
Advisor: Adrian Ivakhiv, PhD
- Marcella M. Dent. Science Communication Across Diverse Ways of Knowing  
and Collaboration in a Landscape-Scale Natural Resource  
Governance Network  
Advisor: Clare Ginger, PhD
- Sydney E. Diamond. Assessing Chemical and Biological Recovery from Acid  
Rain Deposition in High Elevation Vermont Lakes.  
Advisor: Ana Morales-Williams, PhD
- Stephanie Drago. Estimating Floodplain Storage and Prioritizing  
Floodplain Reconnection in the Northern Lake Champlain Basin in  
Vermont.  
Advisor: Beverly Wemple, PhD
- J. Walter Keady. Energy Justice, Just Transitions, and Renewable Energy  
Policies: Examining Energy Transitions in the State of Vermont.  
Advisor: Bindu Panikkar, PhD
- Rachel Lynne Pierson. An International Pilot Study of Volunteer Stream  
Monitoring Groups: The Role of Place Attachment in Volunteer  
Motivations.  
Advisor: Kristine Stepenuck, PhD
- Katherine Keith Porterfield. Upcycling Dairy Manure Fine Solids Captured  
by Dissolved Air Flotation as Part of a Phosphorus Recovery and  
Reuse Strategy.  
Advisor: Eric Roy, PhD
- Hannah Weiss. The Feasibility of Over-Summer Snow Storage at the  
Craftsbury Outdoor Center, Craftsbury VT.  
Advisor: Paul Bierman, PhD

## **MASTER OF PROFESSIONAL STUDIES IN LEADERSHIP FOR SUSTAINABILITY**

Marissa Rose Barbieri. Master's Project: Cultivating Liberatory Learning Spaces Through Racial Equity Coaching and Facilitation.  
PAC\*: Heather Laine Talley, PhD  
Advisor: Matthew Kolan, PhD

Amaya Mirentux Carrasco Torrontegui. Master's Project: Be you: A Journey to Find Courage.  
PAC\*: Sayra Pinto, PhD  
Advisor: Matthew Kolan, PhD

Darrow Samuel Feldstein. Master's Project: Relational Leadership and the Liberation of Wealth, Land and Power.  
PAC\*: Rajasvini Bhansali, PhD  
Advisor: Matthew Kolan, PhD

Carla Fox. Master's Project: Foundations for Solidarity.  
PAC\*: Connor Stedman, MS  
Advisor: Matthew Kolan, PhD

Trudie Marie Henninger. Master's Project: An Emergent Journey Towards Relationship, Possibility, and Liberation in Environmental Education.  
PAC\*: Connor Stedman, MS  
Advisor: Matthew Kolan, PhD

Caylin A. McCamp. Master's Project: Coping with Climate Change: Examining Emotional Effects and Searching for Solutions.  
PAC\*: Rebecca Stanfield McCown, PhD  
Advisor: Matthew Kolan, PhD

Lenett Marie Neffahtiti Partlow-Myrick. Master's Project: Mother's Sacred Bond.  
PAC\*: Bhanu Kapil, MA  
Advisor: Matthew Kolan, PhD

Meghan Young. Master's Project: Shifting Towards Equity in Environmental Education Through Personal Transformation, Deep Listening, and Centering Relationships.  
PAC\*: Britt Yamamoto, PhD  
Advisor: Matthew Kolan, PhD

PAC\* = Professional Affiliate Coach

## **DOCTOR OF PHILOSOPHY**

Sonya Margarethe Ahamed. The Food-Energy-Water Nexus, Embodied Injustices, and Transboundary Sustainability  
Advisors: Gillian Galford, PhD and Jennie Stephens, PhD

## DOCTOR OF PHILOSOPHY

Jesse Gourevitch. Evaluating the Distributional Equity of Ecosystem Services Under Alternative Land Use and Climate Change Scenario.  
Advisor: Taylor Ricketts, PhD

Lisa Kathryn Izzo. Movements, Habitat Use, and Abundance of a Remnant Population of Lake Sturgeon (*Acipenser fulvescens*) from the Winooski River, Vermont  
Advisor: Donna Parrish, PhD

Kristin B. Raub. Coastal Resilience at the Nexus of Food, Energy, and Water: An Interdisciplinary Perspective for Resilience Planning.  
Advisors: Kristine Stepenuck, PhD and Asim Zia, PhD

Bonnie Wylie Pratt. Enabling Innovation in the Energy System Transition.  
Advisor: Jon Erickson, PhD

Aaron J. Schwartz. Quantifying the Health Benefits of Nature Contact in Cities Across the U.S.  
Advisor: Taylor Ricketts, PhD

## UNDERGRADUATE HONORS COLLEGE THESES

Carl Betz. Nitrogen Removal Performance of Roadside Bioretention Cells Amended with Aluminum-Based Water Treatment Residuals.  
Advisor: Eric Roy, PhD

Kayley J. Dillon. A Model of Olive-sided Flycatcher Occupancy in the Northeastern United States.  
Advisor: Allan Strong, PhD  
James Murdoch, PhD

Maya Fein-Cole. Optimizing Material Recovery and Reuse using Grid-Based Spatial Modeling.  
Advisor: Eric Roy, PhD

Calvin Alexander McClellan. Long-term trends in seasonal specific discharge for selected Alaskan rivers.  
Advisor: William Bowden, PhD

Alexander James Naccarato. Seasonal and spawning movements of walleye (*Sander vitreus*) in a fragmented lake.  
Advisor: J. Ellen Marsden, PhD

Julia L. Petty. Amazon Agroforestry Carbon Sequestration.  
Advisor: Gillian Galford, PhD

Madeline Frances SanAngelo. The Relationships between *E. Coli* or *Enterococci* Bacteria Concentrations in Recreational Rivers and Socioeconomic Parameters in Fairfield County, Connecticut to Determine Environmental Justice Concerns.  
Advisor: Kristine Stepenuck, PhD  
Jennifer Pontius, PhD



## **UNDERGRADUATE HONORS COLLEGE THESES**

Olivia Katherine Vought. The missing linkages between mineral soil organic carbon and litter decomposition.  
Advisor: Carol Adair, PhD

Nigel K. Waring. Managing Vermont's growing deer herd: An assessment of past, present, and future management actions incorporating values from stakeholder groups.  
Advisor: James Murdoch, PhD

## **2021 STUDENT AWARDS THE UNIVERSITY OF VERMONT**

### **LATIN HONORS**

#### **SUMMA CUM LAUDE**

CARL BETZ  
KAITLYN DORN  
LEAH KELLEHER  
OLIVIA KATHERINE VOUGHT

#### **MAGNA CUM LAUDE**

OLIVIA SPRAGUE HART  
ALEXANDER JAMES NACCARATO  
ZOEY ELIZABETH NOVEMBER  
SAVANNAH ZIGIC

#### **CUM LAUDE**

MADISON JAYE BUSACCO  
ALEXIS DANIELLE CADY  
REBECCA GREDONE  
CORINNE HILL-JAMES  
SARA ROSE KLIMEK  
KRISTEN LIVINGSTONE  
ANNA MARCHESSAULT  
ANNE RENEE MORRISON  
JULIA L. PETTY  
CATHERINE RUTH SCHAFFER  
JOSEPH SCRIMENTI  
MATT VOSS

**2021 STUDENT AWARDS**  
**RUBENSTEIN SCHOOL**  
**OF ENVIRONMENT AND NATURAL RESOURCES**

THE HOLCOMB NATURAL RESOURCES PRIZE FOR OUTSTANDING  
ACHIEVEMENT IN THE STUDY OF NATURAL RESOURCES

CARL BETZ  
ZOEY ELIZABETH NOVEMBER  
OLIVIA KATHERINE VOUGHT

LOLA AIKEN AWARD IN NATURAL RESOURCES

OLIVIA LOPEZ  
MATT VOSS

OUTSTANDING SENIOR ENVIRONMENTAL CITIZEN AWARD

ELIZABETH ANNE PALMER  
MARIAH S. RIVERA  
KAYLEY J. DILLON  
MADELINE ZIMMERMAN

GRADUATE STUDENT AWARD FOR OUTSTANDING MASTER'S RESEARCH  
AND SCHOLARSHIP

JOSHUA BLOUIN  
AMAYA CARRASCO

GRADUATE STUDENT AWARD FOR PHD OUTSTANDING RESEARCH AND  
SCHOLARSHIP

ADRIAN WIEGMAN  
LISA KATHRYN IZZO  
JESSE GOUREVITCH  
ADAM R. NOEL

GRADUATE STUDENT AWARD OUTSTANDING COMMUNITY SERVICE

HANUSIA HIGGINS

GRADUATE STUDENT AWARD OUTSTANDING TEACHING ASSISTANT

CHRISTOPHER HALSTED

**ACADEMIC PROGRAM AWARDS**

**ENVIRONMENTAL SCIENCES**

AWARD FOR OUTSTANDING ACADEMIC ACHIEVEMENT

OLIVIA KATHERINE VOUGHT  
CARL BETZ

AWARD FOR OUTSTANDING SERVICE

SAVANNAH ZIGIC

ALAN W. MCINTOCH SCHOLARSHIP AWARD

SARAH KATE WASSERMAN

## ACADEMIC PROGRAM AWARDS

### ENVIRONMENTAL STUDIES

#### OUTSTANDING SENIOR AWARD

LEAH KELLEHER  
KRISTEN LIVINGSTONE

#### RICK PARADIS AWARD

CORINNE HILL-JAMES

### FORESTRY

#### WILLIAM R. ADAMS FORESTRY AWARD

KEVIN C. FINK

#### LUTHER E. ZAI MEMORIAL AWARD

OLIVIA LOPEZ

#### DALE BERGDAHL SCHOLARSHIP

LUKAS MATTHEW KOPACKI

### NATURAL RESOURCES

#### AWARD FOR OUTSTANDING ACADEMIC ACHIEVEMENT

ZOEY ELIZABETH NOVEMBER  
CORINNE HILL-JAMES

#### AWARD FOR QUALITY STUDENT EXPERIENCE

KERRY ROSE BROSNAN

### PARKS, RECREATION, AND TOURISM

#### OUTSTANDING ACADEMIC ACHIEVEMENT AWARD

KONRAD U. OSTERWINTER  
MACKENZIE RAYMOND

#### CONTRIBUTIONS TO QUALITY OF THE STUDENT EXPERIENCE

TREVOR MICHAEL SASSO

### WILDLIFE AND FISHERIES BIOLOGY

#### ACHIEVEMENT AWARD

ALEXANDER JAMES NACCARATO

#### WILDLIFE BIO-ECOLOGY AWARD

TAYLOR MACKENZIE EHWA

#### FREDERICK CHU MEMORIAL PRIZE

CAROLINE BLISS DUNBAR



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