



ONE HUNDRED AND THIRD
COMMENCEMENT

MONDAY, MAY 15, 2017

REED COLLEGE

The Program

PROCESSIONAL*

INTRODUCTORY REMARKS

John R. Kroger, President

WELCOME

Roger M. Perlmutter '73, Chairman, Board of Trustees

ALUMNI WELCOME

Richard Roher '79

REED COLLEGIUM MUSICUM

“As Torrents in Summer” from *Scenes from the Saga of King Olaf*, Op. 30

Music by Edward Elgar (1857–1934)

Text by Henry Wadsworth Longfellow (1807–1882)

“You are the New Day”

Music and text by John David (b. 1946), arr. Bob Chilcott

COMMENCEMENT ADDRESS INTRODUCTION

John R. Kroger, President

ADDRESS

Arun Rath '92

CONFERRING OF THE DEGREE OF BACHELOR OF ARTS

John R. Kroger, President

CONFERRING OF THE DEGREE OF MASTER OF ARTS IN LIBERAL STUDIES

John R. Kroger, President

RECESSIONAL*

MARSHALS

Commencement Marshal

Jeffrey Parker, George Hay Professor of Economics

Student Marshals

Arthur Glasfeld, Amgen-Perlmutter Professor of Chemistry

Virginia Hancock '62, Professor of Music, Emerita

Faculty Marshals

Margot Minardi, Associate Professor of History & Humanities

Sonia Sabnis, Associate Professor of Classics and Humanities

* *The audience is requested to rise for the processional and recessional.*

Please remain in place during the recessional until the faculty and class of 2017 have left the tent. Sign language interpretation is provided by Access Services Northwest. Our bagpiper is Ogden Kimberly. Graduates and guests are invited to a reception after the ceremony in the Gray Campus Center Quad.

Arun Rath '92

Arun Rath has distinguished himself in public media as a reporter, producer, and editor. In his current role as a shared correspondent for NPR and Boston-based public station WGBH, he covers a variety of beats, from neuroscience and the arts to the war court in Guantanamo Bay.

He began his journalism career as an intern with NPR's *Talk of the Nation*, eventually joining the staff and becoming the show's director after working on several NPR News programs during the 1990s. In 2000, he was tasked with re-booting *On the Media*, which tripled its audience and won a Peabody Award.

Rath spent 2005 as senior editor at the culture and arts show *Studio 360*. He moved to television in 2005 to produce documentaries and manage radio partnerships for *Frontline*, while continuing to report on culture and music for the PBS series *Sound Tracks*.

At *Frontline* and *The World*, Rath specialized in national security and military justice. He reported for and produced four films for *Frontline*, including an Emmy-nominated investigation of the Haditha Incident in Iraq, in which a group of United States Marines killed 24 unarmed Iraqi civilians.

Rath also covered the Chelsea Manning court martial for espionage and has made numerous trips to Guantanamo Bay, Cuba, to cover the military commission prosecuting 9/11 mastermind Khalid Sheikh Mohammed. From 2013 to 2015, Rath was the weekend host of NPR's *All Things Considered*. His *Frontline* documentary about a recently released detainee and the untold history of Guantanamo Bay, *Out of Gitmo*, aired in February.

Rath received a bachelor of arts degree in English from Reed College in 1992.

Music by Columbia Brass

Greg Garrett & Craig Gibson, trumpets
Jennifer Harrison, horn
David Bryan & Jack Quinby, trombones

PRELUDE

Arrival of the Queen of Sheba
from *Solomon*
George F. Handel (1685–1759)

Hail Columbia, Prima Donna, Lilly Lee, Maggie by my Side
from *American Brass Band Journal*

March, Song Without Words, Fantasy on the Dargason
from *Second Suite in F for Band*
Gustav Holst (1874–1934)

PROCESSIONAL

March Imperial
William E. Holcombe (1924–2010)

RECESSIONAL

Trumpet Voluntary
John Stanley (1712–1786)

Collegium Musicum

JOHN K. COX

Visiting Assistant Professor of Music

Soprano

Io Blanchett '20
Kate Ehrenberg '20
Nina Matthews '20
Lyn Peterson '20
Yiyang Wang '18

Alto

Rachel Gosselin '19
Jules Oh '20
Ellery Sloane-Barton '18
Jasmine Williams '17

Tenor

Ben Baran '18
Thomas Barr '20
Jay Lee '20

Bass

Gregor McGee '18
Nico Terry '17
Edward Zhu '19

“As Torrents in Summer”

from Scenes from the Saga of King Olaf, Op. 30
Music by Edward Elgar (1857–1934)
Text by Henry Wadsworth Longfellow (1807–1882)

As torrents in summer, Half dried in their channels,
Suddenly rise, tho' the sky is still cloudless.
For rain has been falling.
Far off at their fountains;

So hearts that are fainting Grow full to o'erflowing,
And they that behold it, Marvel, and know not
That God at their fountains
Far off has been raining!

“You are the New Day”

Music and text by John David (b. 1946), arr. Bob Chilcott

I will love you more than me and more than yesterday
if you can but prove to me you are the new day.

Send the sun in time for dawn, let the birds all hail the morning.
Love of life will urge me say, you are the new day.

When I lay me down at night, knowing we must pay,
thoughts occur that this night might stay yesterday.

Thoughts that we as humans small could slow worlds and end it all
lie around me where they fall, before the new day.

One more day when time is running out for ev'ryone,
like a breath I knew would come, I reach for a new day.

Hope is my philosophy, just needs days in which to be,
Love of life means hope for me, born on a new day.

Graduating seniors are listed alphabetically under each of Reed's five academic divisions, followed by interdisciplinary majors that cross the divisions and master's graduates. The listing includes the academic department in which the student majored and any concentration within that major (noted by a colon). The title of the student's thesis is listed, except for students who completed one of Reed's combined degree programs in place of the thesis year at Reed.

The Arts

BRIAN LEIGHTON BARTZ

Art

The Implementation of Labor Systems in an Age of Digital Networks: A Critical Framework for Artistic Resistance

LEE BELCHER

Art

The Myth of Chiron: Personal Storytelling Through Comics and Mythology

ERIC RYAN BOHRER

Art

Friendly Confines: Construction of the Stadium Experience

RILEY CHRISTINE BURKE

Theatre

Color's Queer Bent: the aesthetics of queer performance

GITANJALI ALETHEIA-INANNA CASTALLIAN

Art

Live Loud: The Heavy Metal Underground in Portland

STEVEN JAMES CHIBOUCAS

Art

Self-Awareness and the Collaging of Auditory Spaces

ESTELLE C. CILMAN

Art

Visualizing Black and Blackness: The Paintings of Jack Whitten

CIARA SHEEHAN COLLINS

Art

Get Ready With Me

DYLAN STEVE FAILLA

Art

Entangled in the Landscape
Photograph

JACK TIMOTHY FINERTY

Art

Scenes of irresponsible engagement in twenty-first century Britain

MICHAEL WILDER FRAZEL

Theatre

From Theater To Shining Theatre? Melodrama Audiences, Naturalism, and Napoleon

NEIL EDWIN MAGRUDER GIBSON

Art

Sonic Abolition

JOHN PETER GONNELLA

Theatre

Your Play is Charming, But Nobody Can Understand Any of It: Directing "Evitarran" Theatre To Engage Audiences

WILL FOSTER GREENBERG

Art

Forms of Government on Portland's Playgrounds and Parks

OSCAR RENE GUERRERO

Art

What's Ours: A Graphic Memoir

PETER M. GUNNAR

Music

The Next Movement: Hip-Hop Collectives of the 1990s as Black Cultural Institutions

ANASTASIA JOY HANSEN

Music

Getting Down in the House of the Lord: Musical Flexibility in Worship, Space, and Neighborhood in a North Portland Church

VASILIKI IOANNOU

Music

Politics, Pleasure, and the
Economics of Hyperreality:
An Introduction to the
Socio-Sonic Political Philosophy
of a Contemporary Greek Techno
Collective

SEAN MICHAEL KEY-KETTER

Theatre

“There is nothing Funnier Than
Unhappiness”: Balancing Humor
with Suffering using Repetition
in Playwriting and the Works of
Samuel Beckett

DAPHNE LEELEAN LYDA

Art

art is a piece of cake

HARRISON ROSS MARTIN

Art

A Provisional Photography

CHLOE ANN CATHLEEN
NIELSEN

Art

Fragmentation of the Body,
Tactility of the Skin: A Feminist
Dialogue

CHARLIE PEREZ

Art

Towards El Norte

LEILA SIERRA PYLE

Art

“I’m a Salmon”: The Role of
Oncorhynchus ssp. in Storytelling
and Place-making in the Pacific
Northwest and Implications in
a Changing Climate

DYLAN JAMES JOHNSTON
RICHARDS

Music

how to disappear / Form, Unity,
and Thematic Transformation in
Sibelius’ Seventh Symphony

JAMIE CHRISTINE SERBIA

Art

Dashboard Perspectives

KATHERINE TAMANAHA

Art

Rebuilding the Rainforest:
Simulacra in a Post-Natural World

LUIS MARIO VALENZUELA

Art

Multiply: Engaging Technical
Potential in Digital Images

ISABELLA MIMI WEISS

Art

An Experimental Investigation
of the Effectiveness of Art as
Rhetoric

FORREST JAMES WILSON

Art

“The Soul that Pines for Eternity
Shall Outspan Death”: Animate
Corpses in Art c. 1400–1980

History & Social Sciences

MADELEINE RUTH JANACK
ADAMS

Anthropology

Communing with the Dead:
Spiritualism, Language, and the
Construction of Science from
1865–1914

GRACE BENNETT ALEXANDER

Economics

Going Global? Analyzing the
Effects of Skill Level on Trade
Sentiments

JAIME CHRISTINE ARCHER

History

An Unlikely Keeper of Order: The
Flash Press in 1840s New York

BRIAN ARMADA

Economics

Effects of Light Rail Transit in
Portland: 1996–2006

ANNE BRAZIL BAKER

Sociology

A Place to Be: How the Houseless
Create Homes Outside of the
Nonprofit and State System

**GYULNARA ZHANOVA
BARNETT**

Political Science
The Emergence and Persistence
of Women's Involvement
in the Kurdish Workers' Party

**GABRIELLE REBECCA
BLACKMAN**

Economics
How Does Commodity
Dependence Affect Trade in Africa

**BRANDON RODERICK
BORJON**

History
Biafran Uncertainties: Challenges
to the Norms and Structure of
International Humanitarian Aid,
1967-1970

**FRANCESCA ANITA
BREEDLOVE**

Sociology
Risky Business: Risk Calculus
and Birth Control Use in College
Attending Women

NICHOLAS KEITH BROWN

Political Science
Intentional Communal Isolation
through Collective Action: A Case
Study on Bolinas, California

SOPHIA G. BUCCI

Sociology
Playing with and within Power:
Possibilities for Reconfiguration
and Transgression in
Lesbian+Queer BDSM

**SARAH KATHERINE
CANAVAN**

History
The Big Boom: Commerce,
Capitalism and the Birth of
American Astrophysics

**LEAH CELESTINE
CANTOR**

History
Tales from the End of Time

ALEJANDRO SAUL CHAVEZ

Sociology
"Can Daddy Try?": An
Ethnographic Study of Gendered
Parenting Strategies in Public
Spaces

ALEX COHEN

History
Decentralized Government
in Brazil's Old Republic and
its End in 1930

KATHRYN S. COLLINS

Political Science
"Bet Your Ass We're Paranoid":
Examining the Real Forces
Behind Mental Health Legislation
HR 2646

IEVA DALBINA

Economics
International Arms Trade:
Examining Effects of Multilateral
Arms Control Measures

EVE PAULINA FELSENTHAL

Anthropology
Scripting Injury: Non-Suicidal
Self-Injury, Adolescence, and the
Production of Cultural Categories
in the United States

ALEXANDER DAYNE FREITAG

Political Science
Bye Bye Bybee? An Analysis of the
Ramifications of the Bybee Memo
and its Place in Torture Discourse

KATERINA GALKIN

Sociology
Setting Aside Affordability:
Mandatory Inclusionary Housing
and The Fight for Affordable
Housing in New York City

FRANCISCA GARFIA

Anthropology
Learning to Speak Chinuk Wawa:
Language Revitalization in the
Pacific Northwest

**HANNAH ELIZABETH
GRAUNKE**

Economics
A Proposal for Evaluating
International Short-Term
Volunteer Trips

PARIS SIMONE GRESHAM

Sociology
Restorative Coaching: Reclaiming
Black Male Athletes

GRACE PATRICIA HALEY

Political Science

Hitting Like a Girl: An Analysis of Female Soldiers as Torturers During the Iraq War, 2003–2011

BENJAMIN WADIE-YOUSIF
HAMATI

Economics

Analyzing Medical Marijuana as an Exogenous Shock to Labor Supply

ZACHARY BYRD
HARDING-LAPRADE

Economics

Quantitative Easing Impacts on Corporate Bond Markets

REBECCA WANDA
HAUSDORFF

Anthropology

Paradox as Paradigm: Understanding Social Change in Post-Revolutionary Cuba

DANIEL HONG

Political Science

Violence and the People – Theories of Nationalism in South Korean Postcolonial Film

JULIEN MICHAEL HOWELLS

Political Science

A Tale of Two Titties (Strip Clubs and City Regulation)

DREW MONTGOMERY
JACKSON

History

London's Burning: Riots and the State in Early Modern London

MARK EDWARD JARRETT

Economics

Investigating Revealed Placebos for Productivity

ROSA CANCIAN KALISH

Sociology

I Would Kill For Your Body: Mean Girls and Peer Appearance Culture

MEGAN ELIZABETH KEATING

Political Science

New Rules Mean New Games: Evaluating Regulatory Design and Compliance Outcomes in the Dodd-Frank Wall Street Reform and Consumer Protection Act

MICHAEL CHRISTIAN
KEPPLER

Economics

Underwater: The Effect of FEMA Food Insurance Policies in Portland, Oregon

MAYA KIMURA

Anthropology

Negotiating Exclusions: Southeast Asian Migrant Domestic Worker Subjectivity and Collective Action in Hong Kong

DANA ELIZABETH KOSCIELNY

Sociology

Political Poultry: On the Determinants of Change in the American Egg Industry

TASHI NGUDUP LAMA

Economics

Determinants of Home and Away Goals Scored in the English Premier League: A Response to Lahvicka (2015)

MIKAELA ROSE LIEB

Anthropology

Living Well?: Nature and Indigenous Populations in Rafael Correa's Ecuador

ISABEL MARIA LYNDON

History

"Made to Suffer by the Hands of Heartless Men:" Relief, Restitution, and Ethnicity in the Wake of the 1928 St. Francis Dam Disaster

JULIE XIN MARTIN

Economics

A Focus on U.S. Regional Variation in the Relationship between High-Skilled Immigration and Patent Production

LILLIAN NICOLSON MARTIN

History

“Nerves of Steel”: The British Telegraph System and the Reconfiguration of the Imperial Body

MIRANDA RUTH MISHAN

Political Science

From Hegel to the Headscarf: Recognition in Response to Liberal Humanism

LAZOLA VUYO NYAMAKAZI

Economics

An Analysis of the 1980s Latin American Crisis – Lessons for Present Day South Africa

CAITLIN ALICIA O'SHEA

Sociology

This Must Not Be the Place for Me: Gender and Inclusive Practice in the Comic Book Industry and Fandom

HALEY RENEE PARRA-CAIN

Political Science

The Humanist Reframing of UN Environmental Talks: A Long, Winding Road to Ensuring Human Rights

ALOYSIUS TRUMAN PRACA
PATCHEN

Political Science

Para Ingles Ver

KAROLYN ELSAMARIE
PATTERSON

Anthropology

“First the earthquake, then the disaster”: imagining Peruvians in the highlands as victims and suffers in the aftermath of the 1970 Ancash Earthquake

JEANNETTE THAO PHAN

Anthropology

Places of Memory after the War: Locating the Transnational Experience of Vietnamese People Today

NATALIE SARA PONG

Economics

Do Japan's Foreign Direct Investments in Singapore Improve Japan's Bilateral Trade Flows with Other ASEAN countries?

FLORENCE RANDARI

Economics

Financial Inclusion: A case study of Tanzania

MARCUS LAURENS RIEDLER

Economics

The Emergence of Low-Cost Carriers Following Airline Deregulation and Their Effects on Industry Pricing Structure

LEWIS SHO ROBERTSON

Political Science

International Regimes in the North Arctic and South China Sea

ALISON CLAIRE RYAN

History

Reason in the Time of Cholera: Medical Epistemology & the Remaking of Professional Identity in *The Cholera Gazette*

JORDANA M. RYERSON

Sociology

Identity and Agency in Overeaters Anonymous

CYRYL IAN RYZAK

History

Necessity and Freedom: The Contradictions of Soviet Socialism: 1917–1933

MARIS SCANLON

Political Science

Physician-Assisted Suicide, Reconsidered

RAY SELF

History

Organized Oblivion: Modernism and Totalitarianism in the Architectural Theory of Ludwig Hilberseimer

VIVIEN MORGANA SKRUPSKIS

Political Science

Immigration Policy in Arizona and Texas: How Anti-Immigration Policy Images Fueled Bill Passage in Arizona but not in Texas

ROSEMARY GIROUARD
SOKOLOV

Anthropology

Socializing the Political: Decolonial Humanism and Attempts at Unmaking the State in Kurdish Democratic Confederalism

STEFAN PAUL STACKHOUSE

Anthropology

Vital Reckonings: Cartographic Power, Abyssal Thought, and the Birth of Modern Piracy in Southeast Asia

SIERRA NICOLE SWANN

Sociology

Marginalized Voice and Agentive Choice: How Anti-Trafficking Professionals Frame People in Prostitution

CARTER ROBINSON THOMAS

Political Science

How to Avoid Burning Down the House: Making Sense of Local Wildfire Hazard Mitigation Land-Use Decisions

CAMILLA COSTANZA
TURCHETTI

Sociology

Making the Gain Line: An Examination of Women's Rugby in Italy

MATTISON KARL UNGER

History

Christian Missionary Tactics and Community Interaction in China, 1600–1900

ROHAN ADITYA UNNY-LAW

Economics

Blood Minerals and Good Intentions: The Legacy of Dodd-Frank in the Democratic Republic of Congo

LIEH CHEN VERTUOSO

History

Impeachment and Corruption in Post-Dictatorial Brazil: Lessons Learned from Fernando Collor de Mello and Dilma Rousseff's Impeachments

SAVANAH JO WALSETH

Sociology

Sleeping on the Stars: Marginalization on Hollywood's Streets

DOUGLAS GRANT WALTER

History

Antiquity Surpassed: The Classics and the Mexican-American War

REBECA WILLIS-CONGER

Sociology

Gender Work in Science Policy: A Discourse Analysis of NIH's SABV Announcement

JORDAN RILEY WYNNE

Political Science

Razing the Roof: Understanding the Complexities of Gentrification

Literature & Languages

CODY G. BARNES

Spanish

In Pursuit of Justice: Rhetorical Strategies in *Operación Masacre* by Rodolfo Walsh

LUCAS WILLIE MAYER BINION

English

A Finely Orchestrated Paradox

TARA GABRIELLA BORGILT

Spanish

Presences of Absence: Photography and the Fantastic

ELI MARION BRUDNICK

General Literature

Opening the Wound: Reading Tragedy in the Early Works of Lev Shestov

HAYDEN ELLSWORTH

BUNKER

English

This cell's my court: Mimetic Fictionality, Reader-Character Engagement, and the Generation of the Possible Worlds in Shakespeare's *The Tempest*

ALEXANDER FRANCIS

CARACOTSIOS

Spanish

El dinero, el tiranito y el ladrón en *Las aguafuertes porteñas* de Roberto Arlt

CHRISTOPHER REID CREECH

English

Human Weakness and its Exposure: The Ethical Model of *The Master and Margarita*

LYLE ROBERT DANIEL

English

Materialist Poetics in Stein and Armantrout

SANDRA ESMERALDA

DE ANDA

English

The Construction of the Self through a Gendered Discourse in Ingmar Bergman's Films

JULIET GRACE DE LA HUERGA

English

Behind Closed Doors: The Use of Public and Private Information in Jane Austen's *Pride and Prejudice* and the World of *Lizzie Bennet*

POPPY RAE ELLARD

English

"The country is diseased": Richard Fariña's Use of the Coming-of-Age Narrative as a Cultural Critique in *Been Down So Long It Looks Like Up To Me*

HANNAH CATHERINE ERHART

English

bb girl's catalog of things otherwise forgotten

ALEXANDER PIERCE GIRKIN

English

This Whole Black and Brown World Heaving Upward: Reading the Land in Jean Toomer's *Cane*

CONNOR ARTHUR GREER

English

Glow

INDIA RAE HAMILTON

English

Toothless: a collection of short stories

SIERRA FAITH HILL

English

Headwater: Poems

DYLAN RUSSELL HOLMES

Comparative Literature

Seeing Between the Wander Lines: Elaborating the communal cinema of Fernand Deligny

GENEVIEVE MARIE HOOK

Classics

Making Italy Great Again: The *Aeneid* as Mythological Justification for Roman Power and Land Occupation

PETER PHILLIPS HOUSE

English

Stop/Go: Time, Music, and Photography in Jennifer Egan's *A Visit from the Goon Squad* and W.G. Sebald's *Austerlitz*

CAROLINA IGLESIAS OTERO

General Literature

Physiologies: on the senses of a young fate

NAIMA MEDELIA

KARCZMAR-BRITTON

English

Mythologies

HAYDEN DANA KINNEY

English

"An Abstraction Blooded": Reading as Embodied Thought in the Poetry of Wallace Stevens

BENJAMIN ORION LANDAUER

Chinese

Cyberfeminist Poetics in China and Taiwan: Zhai Yongming, Yin Lichuan, and Xia Yu

ELEANOR STORER LAWRENCE

French

Marguerite de Valois Female
Selfhood in Patriarchal Societies

ALEXIS ROSE LEONETTI

English

Cold War Life and Confederate
Literature: Luce, Faulkner,
and O'Connor as Voices of
Mid-Century America

HAZEL LIGHT

French

A Revolution in Pronouns:
Grammar and Politics in the
Fiction of Monique Wittig

GRACE ELENA MOON

English

The Language of Space and
the Space of Language: How
Diction and Form Create Virtual
Topographies in Nonlinear
Electronic Fiction

YING YING NG

Classics

Poetic Justice: Declamatory
Rhetoric and Poetry in the
Songs of Orpheus

CHARLES EVERT NUNZIATO

Comparative Literature

Lyric and Revolution: History
and Sociality in the Poetry of Osip
Mandelstam and Anna Akhmatova

ALEXANDRA KIRSTEN PARKER

English

One out of Many: Singleness
and Community in Christopher
Isherwood's *A Single Man*

DANIEL MICHAEL POGUST

English

The Imitator's Garden: Four
Varieties of Mimesis in John
Steinbeck's *East of Eden*

TAYLOR JACKSON POPE

English

Mansplaining with Joyce:
Queering *Ulysses*

CALYX BODEN REED

English

Some Author: E.B. White as
an American Nature Writer

NOAH ALEXANDER SAMEL

English

Reconciling the Religious and
Political in Graham Greene's
The Quiet American

LEWIS SEARS SHERMAN

Classics

The Endurance of Truth: Views
on Law and Knowledge in Plato
and al-Farabi

MARYANN ELIZABETH SHNELL

English

Jane Austen Reception in the
Victorian Period: Realism,
The Social Problem Novel,
and the Sensation Novel

HENRY COLE SMITH

English

Crab Canon

CAROLINE VAN SYCKEL TOLL

Chinese

Humanimals: An Analysis of the
Progression of Animal-Human
Hybrids in Mo Yan's *Life and
Death Are Wearing Me Out*

NOE NICOLAS VILLARREAL

English

Creating an Identity
Degree awarded posthumously

JASMINE TINTUT WILLIAMS

English

Searching for Sayagyi: A Study
of Anglo-Burmese Literature

CLAY LOFTUS WILWOL

Spanish

Acerca de lo fronterizo:
Reflexiones sobre la obra
de Yuri Herrera

PRISCILLA SHUK-YEENG WU

English

Weaponizing the Words of The
Woman Warrior by Maxine Hong
Kingston: Empowering Language,
Myth, and Chinese American
Feminist Identity

Mathematics & Natural Sciences

ABRAR ALI ABIDI

Physics

Quantifying cellular
mechanotransduction in
morphogenesis and cancer

MICHAELA JULIANNA ADAMS

Biology

Telomere Length Variation
in *Xenopus laevis* Tissues

TAYLOR WHITNEY ALLEN

Mathematics

Subgame Perfect Rational
Secret Sharing

SABRINA MARBUT APPEL

Physics

Simulating the Gravitational
Lensing of Massive Particles:
An Exploration of Scattering
Solutions of the Schwarzschild
Metric

AMANDA JADE ASATO

Chemistry

An Airshed and Source Region
Impact Factor Tool Utilizing
Output from the NOAA HYSPLIT
Model

ALISON MARIE ASHBY

Biochemistry and Molecular
Biology

Laminin Expression Affects
Zebrafish Retinal Stem Cells

WILLIAM HENRY ASHFIELD IV

Physics

Reduced Simulations: A New
Technique for $\gamma - \gamma$ Angular
Correlation Analysis

ELLA CAROLINE BANYAS

Physics

The Gravitational Signature
of a Dirac Monopole

DAKODA JOY BRADLEY

Chemistry

Synthesis of An Intramolecular
DASA Photoswitch

ALEXA ADELE BUCKNER

Biology

Decreased Tolomerase Activity
in Conjunction with Life Stress
in *Astatotilapia burtoni*

JACLYN LAUREN CALKINS

Biology

Characterizing the Genetic
Transposable Element Content
of the Aquatic Crustacean
Daphnia magna

LYDIA GRACE SOPHIA

CAMPBELL

Biology

Focal Adhesion Proteins in the
Polarity and Motility of *Drosophila*
Epithelial Cells

COLE CHARLES CAMPTON

Mathematics

Equivalence of Discrete
Configuration Space Models

VIKRAM CHAN-HERUR

Biology

Effects of PerC regulation
and membrane vesicles of
Enteropathogenic *Escherichia coli*
on a pro-inflammatory response

VIVIA CHI

Chemistry

Extraction and Measurement of
Vitamin K in Blood Plasma using
HPLC-MS/MS

ELIAS COHEN

Physics

Memristors: Characterization,
Applications, and Quantized
Conductance

JAELIN HERO COLA

Biology

Microtubule Polarity in Migratory
Drosophila melanogaster Cells

GABRIEL MICHAEL COLACION

Physics

Imaging Electron-Hole Liquid
Droplets in Uniaxially Stressed
Gallium Phosphide

JONATHAN KENT CROOM

Physics

Slacking Off: the Physics of
Low Tension Highlining

AUDREY ELIZABETH DANNAR

Chemistry

Direct Conversion of Visible
Light to Mechanical Energy:
Towards Dimerized Donor-
Acceptor Stenhouse Adducts
as Photochromic Molecular
Actuators

KAUSTUV DATTA

Physics

Extracting Information from Jets
at Hadron Colliders Using Deep
Learning

MOIRA KATHLEEN

DIFFERDING

Biology

Your Microbes are Super
Models: Using Microbiome
data to Reproducibly Predict
Crolms Disease

MADELINE JANE DINSDALE

Biology

A tale of two phages: Investigation
of the therapeutic potential of
SiphoRed1 and *SiphoRed2*.

ROSE MARGARET HOFFMAN

DRISCOLL

Biology

Epigenetic regulation of aromatase
underlies environmental sex
determination in the cichlid fish
Pelvicachromis pulcher

YUKA ESASHI

Physics

Generation and Characterization
of Nondiffracting Beams

MULDROW DOSKEY

ETHEREDGE

Mathematics-Physics

Electrodynamics on Smooth
Pseudo-Riemannian Manifolds

CAMERON ALEXANDER FISH

Mathematics: Computer Science

A GPU approach to the Abelian
sandpile model

NICHOLAS WILLIAM PHILIP

FRANZESE

Mathematics-Biology

Examining the Practicality of
Shortest Hyperpaths for Signaling
Pathway Analysis: The Cheating
Hyperpath Algorithm as an
Alternative Approach

KEVIN BRYANT FREYMILLER

Physics

Numerical Modeling of Waves
and Wave Breaking

RIK GHOSH

Mathematics

Parametric Curve Fitting
and Vector Graphics

MCKENZIE BEVERLY GIVENS

Biology

Histoire de l'oeil: Retinoic Acid,
Gdf6a and Fgf signaling during
late-stage retinogenesis

FORREST EMERSON GLEBE

Mathematics

Pushing the Limit

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A Note on the Beginnings of Reed College & Commencement

In the late 1800s, the Reverend Thomas Lamb Eliot suggested to two of his parishioners, Oregon pioneers Simeon and Amanda Reed, that they use their wealth for the betterment of society. He urged them to found “a Reed Institute of lectures and arts and music and museum.” In 1908, with contributions from Simeon and Amanda’s estate after their deaths, a board of trustees led by Eliot established the Reed Institute in Portland, Oregon.

Reed College began its first classes in 1911 with 50 students—26 men and 24 women—and 15 faculty members. As an innovative experiment to restore relevancy to the liberal arts in an age dominated by science and industry, Reed sought neither the size and specialization of the university nor the intercollegiate athletics and elaborate social life that had become standard at many private colleges.

Under the inspiration and guidance of Reed’s founding president, William Trufant Foster, the college set out to build a democratic community without regard for nationality, gender, religion, race, or class. No fundamental distinctions were made between students and faculty in what was called “the quest for truth.” Students were expected to do original work in a major subject area—the senior thesis. A principle of honor governed all aspects of campus life.

Reed held its first commencement ceremony in 1915, for which President Foster conferred degrees on the back steps of Eliot Hall. In the last few decades, the college has usually invited a notable graduate to give the commencement address; recent alumni commencement addresses have been given by Kathleen Saadat ’74, Igor Vamos ’90, Jennifer Ferenstein ’88, Robert Smith ’89, Larry Sanger ’91, and Michelle Nijhuis ’96.

For over a hundred years Reed has remained steadfast in its belief in the intrinsic value of rigorous scholarship, the joy of serious intellectual pursuit, and the essential role of community in the development of knowledge.

A Note on Academic Regalia

Academic regalia worn at commencement reveal different types of academic achievement through the use of different styles and colors of gowns and hoods. The bachelor’s gown has a long, pointed sleeve; the master’s is a long closed sleeve with a slit at the elbow; and the doctor’s is a very full, bell-shaped sleeve with the bands matching the color of the gown opening. The hoods are lined in the official color of the institution that conferred the degree, although the bachelor’s hood is rarely used. The colored velvet binding in the hoods indicates the academic area in which the degree was earned—white for liberal arts, yellow for science, purple for law, red for theology, green for medicine, and blue for philosophy.