Research and Creative Achievement Conference

Merrimack College
MERRIMACK COLLEGE
RESEARCH AND CREATIVE ACHIEVEMENT CONFERENCE
THURSDAY, MAY 5, 2016
Merrimack College
Research and Creative Achievement Conference

THURSDAY, MAY 5, 2016
3-5 p.m.
MERRIMACK ATHLETICS COMPLEX
VOLPE ARENA AND THE BLUE LINE CLUB

CONFERENCE ORGANIZER:
MICHAEL J. STROUD

CONFERENCE PLANNING COMMITTEE:
BRITTNIE AIELLO
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KRISTA MCQUEENEY
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JANE PARENT
KATELYN KURKUL
KATHRYN NIELSEN
LISA CAVALLARO
ALLAN WEATHERWAX
DEBRA SIMONE

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Class Affiliation: EDU 2130
Department: Education

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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

AMANDA ALCOX
Equity & Access: Persons with physical disabilities
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

IBRAHIM ALHELALI
Lawrence General Hospital
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

SAKAR ALMUTAIRI
Rheumatic Heart Disease
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

YASER ALSINNARI
Lawrence General Hospital
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

MY’ASIA ALSTON
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Instructor: Allison Seitchik
Class Affiliation: PSY 100W-A
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NICOLE AMALFITANO
Equity & Access: LGBTQQIA
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

TAWAYNE ANDERSON
Equity & Access: Prison populations
Instructor: Laura Hsu
Class Affiliation: EDU 2130
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TAWAYNE ANDERSON
Motivation strategies for coaches: Evidence based practices?
Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

TAYLOR ANDERSON
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Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

ANDRIA AUGAR
Testing the Effects of Anti-bacterial Hand Soap on E. Coli
Instructor: Jimmy Franco
Class Affiliation: CHM 2220
Department: Chemistry

MARISA AUGER
Bringing Responsible Consumerism to the College Campus Honors Project
Instructor: Sean Condon
Class Affiliation: HON 4002
Department: Honors Program

BRIAN AYOTTE
Identifying Inhibitors for Histoplasmosis
Instructor: Jimmy Franco
Class Affiliation: CHM 4920
Department: Chemistry
SALEH BARAYAN
Lawrence General Hospital
Instructor: Kevin Finn
Class Affiliation: HSC 4850
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CRISTINA BERTOLEZ
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Instructor: Janine LeBlanc-Straceski
Class Affiliation: BIO 2018
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JUSTIN BREWSTER
Growth Kinetics of ZnS Nanoparticles
Instructor: Stephen Theberge
Class Affiliation: CHM 4910/4920
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DALTON BARRUCCI
Cellular Automata Simulation of World Democratization
Instructor: Christopher Stuetzle
Class Affiliation: CSC 4910
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VICTORIA BETHONEY
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

SHELAGH BRICE
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Instructor: Sean Condon
Class Affiliation: HON 4003
Department: Honors Program

ANTHONY BARRY
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Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

SAMUEL BITZER
Was Meursault’s Killing of the Arab a Hate Crime?
Instructor: George Heffernan
Class Affiliation: PHL 1000H-B
Department: Philosophy

VANESSA BRONI
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Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

JILLIAN BATISTA
Evidence based practices in physical education
Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

MEGAN BROPHY
Making the Healthy Choice the Easy Choice
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

MELISSA BENNETT
Equity & Access: Women’s issues and rights
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

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KELLY BENT
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
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AMANDA BOUDOIR
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Instructor: Jimmy Franco
Class Affiliation: CHM 4800
Department: Chemistry

LINDSAY BJORKMAN
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JESSICA BRADLEY
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Class Affiliation: CHM 4910
Department: Human Development

AARON BRYANT
Community based acute treatment: An evidence based practice?
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Class Affiliation: HDE 2000W
Department: Human Development

WILLIAM BERNARD
Merrimack Sustainability Audit
Instructor: Angeliki Rigos
Class Affiliation: ESS 3450
Department: Environmental Studies and Sustainability

JOLINE BUCZALA
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Instructor: George Heffernan
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LAUREN CAMPBELL
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ARIANA BUENO
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JOSHUA BURTON
Growth Kinetics of ZnS Nanoparticles
Instructor: Stephen Theberge
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JILLIAN BATISTA
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Class Affiliation: HDE 2000W
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RILEY CALZONETTI
Tim Hortons Entering Europe: Expansion Into Norway
Instructor: Patricia Clarke
Class Affiliation: MKT 3320A
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MADISON CAMMARATA
Equity & Access: Immigrant populations
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education
ALEX DEACON
Square Swords: A Study in Video Game Design
Instructor: Christopher Stuetzle
Class Affiliation: Directed Study
Department: Computer Science

ALEX DEACON
Cellular Automata Simulation of World Democratization
Instructor: Christopher Stuetzle
Class Affiliation: CSC 4920
Department: Computer Science

JASON DECOSTA
MerMAID Research Group Data Monitoring System
Instructor: Christopher Stuetzle
Class Affiliation: CSC 4920
Department: Computer Science

KRISTINA DIAS
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Instructor: Allison Seitchik
Class Affiliation: PSY 1100W-A
Department: Psychology

ALEX DIPIETRO
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Instructor: Brian Provencher
Class Affiliation: CHM 4800
Department: Chemistry

NORWAY DOLAN
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Instructor: Laura Hsu
Class Affiliation: EDU 2130
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KAYLEIGH DONAHUE
Personality Judgements in Color
Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-B
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IMOGENE DONOVAN
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
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RACHEL DRAB
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
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LAURA DRINKWATER
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Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-A
Department: Psychology

JUAN DU
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MACIE DWYER
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Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

TAMER ELLAMUSHI
The manufacturing techniques of investment casting for gas turbine blades
Instructor: Roselita Fragoudakis
Class Affiliation: MEC 405
Department: Mechanical Engineering

ALEXA EMMA
PBIS (student achievement programs): Evidence based practices?
Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

RACHEL ERWIN
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Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-B
Department: Psychology

JOSEPH FEENEY
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-A
Department: Philosophy

STEPHANIE FELICIANO
Equity & Access: Students with learning disabilities
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

NICOLE FEZOCO
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Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-B
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JONATHAN FLETCHER
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Instructor: Anthony L. Fernandez
Class Affiliation: CHM 4910/4920
Department: Chemistry

JILLIAN FLOWERS
Personality Judgements in Color
Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-B
Department: Psychology

KRISTEN FORD
Equity & Access: Women's issues and rights
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Class Affiliation: EDU 2130
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CAILIN FRASER
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-B
Department: Philosophy

MIRANDA GAGNON
Spatial Distribution of Beaver Dams and Lodges in Three Northeast Massachusetts Watersheds
Instructor: Jon Lyon
Class Affiliation: BIO 4092/4096
Department: Biology

SAMANTHA GEARY
Was Meursault's Killing of the Arab a Hate Crime?
Instructor: George Heffernan
Class Affiliation: PHL 1000H-A
Department: Philosophy

ASHLEY GENDREAU
Small group instruction for mathematics: Evidence based practices
Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

SAMANTHA GERRIOR
Racial Differences in Support & Opposition of Capital Punishment
Instructor: Alicia Malone
Class Affiliation: CRM 7005G
Department: Criminology

CARLI GIACCHINO
Portsmouth Regional Hospital - Nursing
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

SHANNA GLYNN
Family Literacy Bags: An evidence based practice?
Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
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EMMANUELLE GODO SOLO
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Instructor: Josephine Modica-Napolitano
Class Affiliation: BIO 4092
Department: Biology

LINDSEY GOLDESTEN
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Instructor: Alicia Malone
Class Affiliation: CRM 7005G
Department: Criminology

THOMAS GORMAN
Warriors Supporting Warriors: Healthy Relationships Edition
Instructor: Krista McQueeney
Class Affiliation: CRM 3500
Department: Criminology

SOPHIA GORTON
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-A
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SOPHIA GRAYSON
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Instructor: Katelyn Kurkul
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CONNOR GRIFFIN
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Class Affiliation: HSC 4855
Department: Health Sciences

RANDA GRIFFIN
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
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EMILY GRIMMER
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Instructor: Allison Seitchik
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Department: Psychology

GABRIELLE GUENTHER
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-A
Department: Philosophy

SOPHIA GORTON
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Instructor: George Heffernan
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Department: Philosophy

ZONGLIN GUO
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Instructor: Jimmy Franco
Class Affiliation: CHM 4800
Department: Chemistry

JULIE HAMILTON
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

ALEXIS HANKERSON
Head Start Lawrence
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

ALISON HANLON
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ALISON HANLON
Testing the Effects of Anti-bacterial Hand Soap on E. Coli
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Department: Chemistry

ALISON HANLON
Whole Genome Annotation of Three New Mycobacteriophage: Heliosoles, Lokk & BobSwaget
Instructor: Janine LeBlanc-Straceski
Class Affiliation: BIO 2018
Department: Biology

SABRINA HARTNETT
Dress and its Effect on Helping Behavior of Others
Instructor: Allison Seitchik
Class Affiliation: PSY 2100W-A
Department: Psychology

MARIA HASEEB
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Instructor: Cynthia Ferrara
Class Affiliation: HSC 4800
Department: Health Sciences

JAMIE HAYES
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Instructor: Stephen Theberge
Class Affiliation: CHM 4800
Department: Chemistry

MARISSA HERRERA
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Instructor: Katelyn Kurkul
Class Affiliation: HDE 2000W
Department: Human Development

BRENNA HEATHER
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Class Affiliation: HDE 2000W
Department: Human Development

ALLISON HOGAN
New Country, New You!
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Instructor: Sean Condon
Class Affiliation: HON 4005
Department: Honors Program

ANNE HUDSON
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Class Affiliation: HDE 2000W
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KAYLA HULBURT
Equity & Access: Persons with mental health issues
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

KAYLA HULBURT
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TYLER HUNT
The relationship between gait biomechanics, selected lower extremity strength, static lower extremity measures and injury history in Division II collegiate middle to long distance runners
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JUSTIN HUSSAR
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Department: Marketing

AMANDA JACQUES
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Instructor: Angeliki Rigos
Class Affiliation: ESS 3450
Department: Environmental Studies and Sustainability

SAMANTHA JEWERS
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Instructor: Jimmy Franco
Class Affiliation: CHM 4800
Department: Chemistry

SAMANTHA JEWERS
Identification of Antibiotic Resistant Bacteria in Ground Turkey
Instructor: Charlotte Berke
Class Affiliation: BIO 4092
Department: Biology

KATEY JOHNSON
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Instructor: Kevin Finn
Class Affiliation: HSC 4800
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SAVANNAH JOHNSON
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Class Affiliation: PSY 1100W-A
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HAYLEY KADDAKAS
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Class Affiliation: EDU 2130
Department: Education

LUCAS KAESTNER
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Class Affiliation: CRM 3380
Department: Criminology

EMMA KANG-THEBERGE
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LEWIS KASS
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KRISTIN KAZZI
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Class Affiliation: CHM 4800
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PATRICK KEIGHLEY
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Department: Health Sciences

JENNA KETTERER
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Instructor: Krista McQueeney
Class Affiliation: CRM 3380
Department: Criminology

CARLA KHODER
College Students’ Perceptions of Police Use of Force: Does Suspect Race Matter?
Instructor: Alicia Malone
Class Affiliation: CRM 7005G
Department: Criminology

ANDREW KLIN
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-B
Department: Philosophy

SHAREEF KOTB
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Instructor: Sean Condon
Class Affiliation: HON 4006
Department: Honors Program

SHAREEF KOTB
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Instructor: David MacLaren
Class Affiliation: BIO 4096
Department: Biology

BETH LABOSSIER
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Instructor: Andrew Cannon
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Class Affiliation: HSC 4800
Department: Health Sciences

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Class Affiliation: HDE 2000W
Department: Human Development

RACHEL LAHAIR
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Class Affiliation: EDU 2130
Department: Education

MEGHAN LANG
Immigration Policy
Instructor: Anne Flaherty
Class Affiliation: POL 3122
Department: Political Science

ALLISON LANGONE
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Class Affiliation: BIO 4096
Department: Biology
christina lannon
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Class Affiliation: HDE 2130
Department: Education

ryan laroche
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Instructor: Sean Condon
Class Affiliation: HON 4007
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ryan laroche
Merrimack Sustainability Audit
Instructor: Angeliki Rigos
Class Affiliation: ESS 3450
Department: Environmental Studies and Sustainability

vernell laroche
Piezoelectric Pumps for Fuel Injection
Instructor: John A. Gallagher
Class Affiliation: MEN 3060
Department: Mechanical Engineering

brianna lauletta
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Class Affiliation: HDE 2000W
Department: Human Development

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Class Affiliation: BIO 4902
Department: Biology

allison leighton
Equity & Access: Elderly Persons
Instructor: Laura Hsu
Class Affiliation: EDU 2130
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alex john lemarier
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junellie leon
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Instructor: Stephen Theberge
Class Affiliation: CHM 4910/4920
Department: Chemistry

brittany leonard
New Country, New You!
Honors Project
Instructor: Sean Condon
Class Affiliation: HON 4008
Department: Honors Program

briana lynch
LUSH Fresh Handmade Cosmetics
Instructor: Patricia Clarke
Class Affiliation: MKT 3320A
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hannah lewis
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Department: Biology

mary levine
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stephen madar
Chiastic Structure in Text Databases
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Department: Computer Science

emily maier
Reaction Time in Distracted Athletes and Non-Athletes
Instructor: Allison Seitchik
Class Affiliation: PSY 1100W-A
Department: Psychology

justine levesque
Phage Heliosoles: pH and the Efficiency of Bacteriophage Infection
Instructor: Janine LeBlanc-Straceski
Class Affiliation: BIO 1027L
Department: Biology

jackie lurvey
LUSH Fresh Handmade Cosmetics
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Class Affiliation: MKT 3320A
Department: Marketing

derek madden
Effects of Heroin Overdoses on Healthcare
Instructor: Kevin Finn
Class Affiliation: HSC 4850
Department: Health Sciences

alysa letendre
Equity & Access: Persons with physical disabilities
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

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Department: Philosophy

hannah lewis
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Class Affiliation: ESS 3450
Department: Environmental Studies and Sustainability

carly maddaleni
Equity & Access: Prison populations
Instructor: Laura Hsu
Class Affiliation: EDU 2130
Department: Education

carly maddaleni
Equity & Access: Elderly Persons
Instructor: Laura Hsu
Class Affiliation: EDU 2130
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liverpool
LUSH Fresh Handmade Cosmetics
Instructor: Patricia Clarke
Class Affiliation: MKT 3320A
Department: Marketing

alex john lemarier
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Instructor: George Heffernan
Class Affiliation: PHL 1000H-B
Department: Philosophy

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Class Affiliation: HSC 4850
Department: Health Sciences

emily maier
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Instructor: Allison Seitchik
Class Affiliation: PSY 1100W-A
Department: Psychology
MOLLY MALINOWSKI  
Merrimack RWCP: Reflective Writing Center Practice  
Instructor: Katelyn Kurkul  
Class Affiliation: Independent Project  
Department: Human Development

JACOB MALOOF  
Immigration Policy  
Instructor: Anne Flaherty  
Class Affiliation: POL 3122  
Department: Political Science

ANGELICA MARINELLI  
Dress and its Effect on Helping Behavior of Others  
Instructor: Allison Seitchik  
Class Affiliation: PSY 1100W-A  
Department: Psychology

LEXI MARSHALL SOBCZAK  
Social group interventions (starbound): Evidence based practices  
Instructor: Katelyn Kurkul  
Class Affiliation: HDE 2000W  
Department: Human Development

MEGHAN MARTIN  
Was Meursault’s Killing of the Arab a Hate Crime?  
Instructor: George Heffernan  
Class Affiliation: PHL 1000H-B  
Department: Philosophy

KATHLEEN MARTYN  
Was Meursault’s Killing of the Arab a Hate Crime?  
Instructor: George Heffernan  
Class Affiliation: PHL 1000H-B  
Department: Philosophy

TIANA MAYLOR  
Strategies for building trusting relationships in guidance counseling: Evidence based practices  
Instructor: Katelyn Kurkul  
Class Affiliation: HDE 2000W  
Department: Human Development

SARAH MCALLISTER  
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Instructor: Katelyn Kurkul  
Class Affiliation: HDE 2000W  
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Class Affiliation: HDE 2000W  
Department: Human Development

LAUREN MCCARTHY  
The Impact of Community Garden Programs on Academic Achievement  
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Instructor: Sean Condon  
Class Affiliation: HON 4009  
Department: Honors Program

ANNIE MCDONNELL  
Bringing Responsible Consumerism to the College Campus  
Honors Project  
Instructor: Sean Condon  
Class Affiliation: HON 4009  
Department: Honors Program

CAITLIN MCGOWAN  
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Instructor: George Heffernan  
Class Affiliation: PHL 1000H-B  
Department: Philosophy

BRIANNA MCGOWAN  
Strategies for mainstreaming: Evidence based practices  
Instructor: Katelyn Kurkul  
Class Affiliation: HDE 2000W  
Department: Human Development

HAILEY MCKEEVER  
Equity & Access: Persons with physical disabilities  
Instructor: Laura Hsu  
Class Affiliation: EDU 2130  
Department: Education

CARLY MCKENNA  
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Instructor: Allison Seitchik  
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Department: Psychology

MEAGHAN MCKENNA  
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ANNE MCDONELL  
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Class Affiliation: HON 4009  
Department: Honors Program

JOCELYN MCLAIN  
Equity & Access: Elderly Persons with learning disabilities  
Instructor: Laura Hsu  
Class Affiliation: EDU 2130  
Department: Education

MARY MCNEIL  
Equity & Access: Students with mental health issues  
Instructor: Laura Hsu  
Class Affiliation: EDU 2130  
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ALANNAH MULLEN  
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ASHLEY MENDEROS  
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Class Affiliation: PHL 1000H-A  
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MADISON MOREY  
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Class Affiliation: BIO 1027L  
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RACHEL MOSS  
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RACHEL MURPHY
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LAUREN ORSILLO
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SARAH PARROTTA
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ANILKUMAR PASUPULETI
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JOSEPH PETRIDES
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JACQUELINE PIERER
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MICHELLE RADOCCI
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NICHOLAS RAMPINO
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ALYSSA RASO
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DOUG SEARL
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SHAWN REISS
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CHRISTOPHER REUSCH
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ANA ROCKER
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SAMANTHA SAMPSON
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Equity & Access: LGBTQQIA
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SUXANNE SHAHIN
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CAROLINE URBANEK
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JACOB WILKINS
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PIUS AKPOMEDA
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FRANCESCA ARCAI
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ERIN BROWN
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Class Affiliation: ESS 4820/4920
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Nora Whouley
I Love Lucy and Her Representation of Rebellion On and Off Camera
Instructor: Lisa Perks
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