

## **CURRICULUM VITAE**

Richard Corey MFA, Ph.D.

### **Address:**

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### **Education:**

Ph.D. Intermedial Collaborative Practices, University of Maine, 2014

M.F.A. Intermedia, University of Maine, 2011

B.A. Studio Arts, University of Maine, 1995

### **Professional Experience:**

2019 to Present	Director Virtual Environment & Multimodal Interaction Laboratory (VEMI Lab) College of Liberal Arts and Sciences, University of Maine
2015 to Present	Associate Graduate Faculty School of Computing and Information Science University of Maine
2009 to 2019	Director of Operations Virtual Environment & Multimodal Interaction Laboratory (VEMI Lab) School of Computing and Information Science, University of Maine
2009-2011	Assistant Professor Intermedia & Innovative Communication Design University of Maine
1995 to 2010	President and Founder Artistek Design, Inc.
2008 to 2009	Graduate Assistant/Lab Manager Giudice Multimodal Lab Department of Spatial Information Science and Engineering University of Maine

2001 to 2003      General Manager  
Anchor Publishing

1997 to 1999      Creative Director and Co-Owner  
NetQuarters, Inc.

**Professional Services:**

2019                VEMI Lab Public Education Director  
20 events and 305 participants (current)

2018                Arctic Research Strategy Team  
University of Maine and University of New Hampshire

2018                VEMI Lab Public Education Director  
56 events and 471 participants

2017 to 2019      Faculty Associate  
Center on Aging  
University of Maine

2017                Research Advisor/ Committee Member  
Elder Tech Collaborative  
University of Maine

2017                VEMI Lab Public Education Director  
107 events and 1299 participants

2016                VEMI Lab Public Education Director  
57 events and 3000 participants

2016                Maine Institute of Spatial Technology Committee  
University of Maine

2016                Steering Committee for Engaged Black Bear Initiative  
University of Maine

2016                COS 120 Code Camp Committee  
University of Maine

2015 to 2016      Technology Advisor  
Digital Badging Initiative - UMaine

2015	VEMI Lab Public Education Director 61 events and 5164 new participants
2014	VEMI Lab Public Education Director 42 events and 924 new participants
2013	VEMI Lab Public Education Director 27 events and 553 new participants
2013	Lead Negotiator VEMI Lab Expansion Committee
2012	VEMI Lab Public Education Director 20 events and 131 new participants
2012 to Present	Vice President and Co-Founder Core 5 Incident - A collaborative art consortium
2011 to 2014	Committee Member Innovative Communication Design Program Committee
2011	VEMI Lab Public Education Director 14 events and 92 new participants
2011	Co-Curator Without Borders VIII, Lord Hall Gallery, UMaine
2010	VEMI Lab Public Education Director 8 events and 66 new participants
2009	Member Conceptual Building Design Group Innovative Media Research and Commercialization Center

**Teaching Experience:**

Fall 2019	Honors Directed Study Honors College University of Maine
Fall 2019	Practical Application of Unity 3D School of Computing and Information Science University of Maine

Fall 2019	New Development & Techniques for Future School of Computing and Information Science University of Maine
Spring 2019	Exploration of Business Practices with Modern Day Technology School of Computing and Information Science University of Maine
Spring 2019	VR Development & Modeling School of Computing and Information Science University of Maine
Spring 2019	Data-Driven Decision Making School of Computing and Information Science University of Maine
Spring 2019	Future of Technology Industry School of Computing and Information Science University of Maine
Fall 2018	Saving Lives in Augmented Reality School of Computing and Information Science University of Maine
Fall 2018	Selective Std Spatial Information Engineering Spatial Informatics University of Maine
Fall 2018	Unity Development for Research School of Computing and Information Science – Spatial Informatics University of Maine
Fall 2018	Human Related VR Technology School of Computing and Information Science University of Maine
Spring 2018	Cultural Impacts of Virtual Worlds School of Computing and Information Science University of Maine
Spring 2018	Collaborative Practices Intermedia Department University of Maine
Summer 2017	UMaine Code Camp

	School of Computing and Information Science University of Maine
Spring 2017	Education Principles in HCI School of Computing and Information Science University of Maine
Spring 2017	Human Computer Interaction School of Computing and Information Science University of Maine
Fall 2016	Humancentric Data Visualization School of Computing and Information Science University of Maine
Fall 2016	Deciphering Technology to the Masses School of Economics University of Maine
Summer 2016	Information Access Technologies School of Computing and Information Science University of Maine
Spring 2016	Collaborative Practices Intermedia Department University of Maine
Spring 2016	Human Computer Interaction School of Computing and Information Science University of Maine
Summer 2015	Topics in Computer Science - Immersive Experiences School of Computing and Information Science University of Maine
Summer 2015	Selected Studies in Spatial Information Engineering - Functional Parameters of VR School of Computing and Information Science University of Maine
Spring 2015	Human Computer Interaction School of Computing and Information Science University of Maine

Fall 2013	Virtual Reality: Research and Applications School of Computing and Information Science University of Maine
Fall 2013	Creative Communications Innovative Communication Design University of Maine
Spring 2013	Collaborative Practices Intermedia Department University of Maine
Fall 2012	Design Concepts Innovative Communication Design University of Maine
Fall 2012	Virtual Reality: Research and Applications School of Computing and Information Science University of Maine
Spring 2012	Collaborative Practices Intermedia Department University of Maine
Summer 2009	HTML Foundation of the Web New Media Department University of Maine

**Grants and Contracts:**

2019	NSF, "Improving user trust of autonomous vehicles through human-vehicle collaboration" ; (N.A. Giudice, UMaine (PI) and R.R. Corey, UMaine).
2019	NSF, "Development of a Multimodal Interface for improving independence of Blind and Visually-Impaired people"; (R.R. Corey, UMaine PI; with H.P. Palani (PI) and N.A. Giudice, Unar Labs).
2018	NEH, "Preservation and Access Research and Development"; Accessible Civil Rights Heritage Proposal; (N.A. Giudice, UMaine PI: with R.R. Corey, (UMaine) and M. Williams (PI): J. Bell, Dartmouth College).
2018-2019	MTI grant, "Augmented Reality Standardized Patient Simulator"; (N.A. Giudice, UMaine (co-PI) with R.R. Corey; and Zephyrus Simulation)

- 2017 UMaine Aging Prototype Proposal “Commercializing Smart Shoe and Smart Cane”, developing medical technology for older adults. (R.R. Corey and N.A. Giudice, Co-PI; with A. Abedi (PI)).
- 2017 UMaine Aging Prototype Proposal “Compensatory Augmentations for Assistive Technology to Commercialize Safe and Efficient Navigation”, developing navigation assistance software (R.R. Corey, N.A. Giudice, Co-Pi (PI))
- 2017 UMaine Aging Prototype Proposal “Indoor Navigation for Older Adults: Commercialization White Paper”, developing indoor navigation technology (R.R. Corey, N.A. Giudice, PI; with A. Abedi)
- 2016 NEH Office of Preservation and Access, tier 1 Research and Development grant: “Semantic Annotation Tool”; (VEMI service project), developing the UI for an open source video annotation tool providing BVI people access to visually-based media clips (R.R. Corey and N.A. Giudice, UMaine consultants; with Mark Williams (pi) and John Bell, Dartmouth)
- 2015 UMaine Aging Research and Technology Seed Grant, “Improving navigation and independence in older adults using compensatory augmentations”. Studying new technology to improve safe and efficient driving and navigation for people over 65. (R.R. Corey, Co-PI; and N.A. Giudice, PI)
- 2015 UMaine Aging Research and Technology Seed Grant, “Indoor multi-input navigation for the aging population using a hybrid wireless system (iMAP)”. Studying low-cost methods for indoor localization and navigation for older adults. (R.R. Corey, Co-PI; with N.A. Giudice; and A. Abedi (PI)
- 2014 Intermedia Research Grant, University of Maine, Intermedia MFA Program (R.R. Corey, PI)
- 2012 Graduate Student Government, University of Maine, GSG Grant (R.R. Corey, PI)
- 2012 R&D Contract 2907-01, Using augmented and virtual reality for indoor visualization on mobile devices (R.R. Corey, Co-PI; and N.A. Giudice, PI; and Majella Global Technologies, Portland, ME)
- 2011 President’s Grant,

University of Maine, Office of the President  
(R.R. Corey, PI; John Bell, Co-PI; and Bethany Engstrom, Co-PI)

- 2011 Provost's Grant,  
University of Maine, Office of the Provost  
(R.R. Corey, PI; John Bell, Co-PI; and Bethany Engstrom, Co-PI)
- 2011 College of Liberal Arts and Sciences Grant,  
University of Maine, Office of CLAS  
(R.R. Corey, PI; John Bell, Co-PI; and Bethany Engstrom, Co-PI)
- 2010 Intermedia Research Grant,  
University of Maine, Intermedia MFA Program  
(R.R. Corey, PI)
- 2009 Intermedia Equipment Grant,  
University of Maine, Intermedia MFA Program  
(R.R. Corey, PI)

**Awards and Honors:**

- 2018 University of Maine's NEASEA Supervisor of the Year
- 2018 NEASEA, Supervisor of the Year Nominee  
University of Maine
- 2012 Industrial Cooperation Award,  
University of Maine, DIC
- 2012 Stage 1 and 2 Winner,  
Digital Media+Learning Competition 4,  
HASTAC/Mozilla Foundation/MacArthur Foundation  
(R.R. Corey, Co-PI; and John Bell, PI)
- 2003 Best of the Web  
Florida Realtors Assoc.
- 1995 Best in Show  
Sculpture at University of Maine

**Invited Talks, Lectures, and Presentations:**

- October 2018 VEMI Lab: Innovation and Research in Education – Presenter  
Leonard Hall – University of New England



September 2018	VEMI 10 Conference – Master of Ceremony Alumni Hall University of Maine
February 2018	Project Design Workshop – Lecturer NMD 306 – New Media University of Maine
January 2018	Audience Perception and Language - Lecturer NMD 442 – New Media University of Maine
September 2017	Audience Perception and Language - Lecturer NMD 442 – New Media University of Maine
December 2016	Maine Spatial Technology – Presenter Education and Workforce Development Panel
November 2016	Audience Perception and Language - Lecturer NMD 442 – New Media University of Maine
April 2016	Presentations and Audience Knowledge - Lecturer CIE 413 - Civil Engineering University of Maine
April 2016	Student Driven Work: The VEMI Lab 8 Years Later - Presenter University of Maine Alumni Chapter of Southern Maine Fireside Inn, Portland Maine
March 2016	VEMI Lab: Here and Now - Presenter Maine Science Festival, Cross Insurance Center, Bangor, ME
December 2015	Presentations and Audience knowledge - Lecturer CIE 413 - Civil Engineering University of Maine
September 2015	Audience Perception and Language - Lecturer NMD 442 – New Media University of Maine

September 2015      History of Virtual Reality - Lecturer  
NMD 100 - New Media  
University of Maine

May 2015              Audience Perception and Language - Lecturer  
NMD 442 – New Media  
University of Maine

April 2015            Using Virtual & Augmented Reality to Solve Real Problems - Presenter  
Paper Days, Wells Conference Center, Orono, ME

March 2015            VEMI Lab: Here and Now - Presenter  
Maine Science Festival, Cross Insurance Center, Bangor, ME

April 2014            Intermedial Collaborative Studies - Speaker  
TEDx, Orono, ME

April 2014            Intermedial Collaborative Studies - Speaker  
GSG Expo, IMRC, University of Maine

April 2014            Student Driven Work: VEMI Lab Six Years Later - Speaker  
GSG Expo, IMRC, University of Maine

March 2014            Internet Users and Emerging Patterns - Lecturer  
SIE 515 - School of Computing and Information Science  
University of Maine

December 2013      Presentations and Audience knowledge - Lecturer  
CIE 413 - Civil Engineering  
University of Maine

October 2013        Documenting and Archiving your Projects - Speaker  
Maine International Conference on the Arts  
University of Maine

March 2013            The Internet is Getting Smaller - Lecturer  
SIE 515 - School of Computing and Information Science  
University of Maine

March 2012            Discussion of Online Interactions - Lecturer  
SIE 515 - School of Computing and Information Science  
University of Maine

November 2011      Social Media in Business - Speaker  
Maine Business School

University of Maine

- October 2011      Social Media Today - Speaker  
Juice Conference, Camden, ME
- March 2011        Online Communities and Their Growth - Lecturer  
SIE 515 - Spatial Information Science and Engineering  
University of Maine
- March 2010        Discussion of Online Interactions - Lecturer  
SIE 515 - Spatial Information Science and Engineering  
University of Maine

**Student Awards, Fellowships, and Grants:**

- 2016-2017        Toni Kaplan, Undergraduate Research and Creative Activity CLAS  
Fellowship “Evaluation of Virtual Reality Simulation as a Supplemental  
Treatment in Cases of Seasonal Affective Disorder”, comparing traditional  
and VR-based mitigation for SAD  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2015-2016        Brenden Peters, Undergraduate Research and Creative Activity CLAS  
Fellowship “Dynamic Motion Control: Networked Control Software and  
Expanded Physical Capabilities for Virtual Environment Motion Feedback  
Devices”, focusing on development of software for the VEMI Lab's six-  
degrees-of-freedom motion platform  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2015-2016        Brenden Peters, Maine Space Grant Consortium (MSGC) fellowship  
“Dynamic Motion Control: Networked Control Software and Expanded  
Physical Capabilities for Virtual Environment Motion Feedback Devices”,  
focusing on development of software for the VEMI Lab's six-degrees-of-  
freedom motion platform  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2015-2016        Scott Richards, Center for Undergraduate Research fellowship “Virtual  
Reality Exposure Therapy for Veterans with PTSD”, platform for creating  
situationally-specific simulations for the treatment of PTSD  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015        Allison Goodridge, Center for Undergraduate Research Fellowship  
“Dynamic Motion Control: Generating Physical Phenomena for  
Examination of Spatial Cognition and Impulse Response in Virtual  
Environments”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)

- 2014-2015 Sam Gates, Center for Undergraduate Research Fellowship “Accelerometer for Fall Detection”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Meghan Hurlburt, Undergraduate Research and Creative Activity CLAS Fellowship  
“Monitoring Independently Aging Adults With Radio Frequency Indicator Technology: An Inexpensive and Noninvasive Solution for Aging in Place”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Meghan Hurlburt, Center for Undergraduate Research Fellowship  
“Using Radio Frequency Indicator Technology as An Inexpensive and Noninvasive Solution for Aging in Place”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Tim McGrath, Center for Undergraduate Research Fellowship  
“Development of a Non-Visual Indoor Navigation Assistive Device Using Real-Time Tracking and Multimodal Feedback”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Brenden Peters, Center for Undergraduate Research Fellowship  
“A Low-Power Device for Indoor Mapping and Navigation”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Brenden Peters, Undergraduate Research and Creative Activity CLAS Fellowship  
“Devices for Indoor Mapping and Augmented Navigation”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2014-2015 Dustin Sleight, Center for Undergraduate Research Fellowship  
“Dynamic Motion Control: Generating Physical Phenomena for Examination of Spatial Cognition and Impulse Response in Virtual Environments”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2013-2014 Sylvia Allain, Undergraduate Research and Creative Activity CLAS Fellowship  
“Virtual Modeling of Forest Populations in Maine”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2013-2014 Sylvia Allain, Center for Undergraduate Research Fellowship  
“Virtual Modeling of Forest Populations in Maine given the Introduction of Invasive Plant Species”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2013-2014 Jon Cole, Center for Undergraduate Research Fellowship “Virtual Simulations of Compensatory Techniques for Age-Related Vision Loss”  
(R.R. Corey, Co-PI; with N.A. Giudice, PI)

- 2013-2014 Tim McGrath, Center for Undergraduate Research Fellowship  
 “Non-Visual Indoor Navigation Using Three Dimensional Auditory Displays and Sensory Feedback from Mobile Devices”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2013-2014 Dustin Sleight, Center for Undergraduate Research Fellowship  
 “A Study in Site-Specific Access to Multimodal Interfaces for Geospatial Navigation”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2013-2014 Dustin Sleight, Undergraduate Research and Creative Activity  
 CLAS Fellowship  
 “Mobile mapping applications: Access to Multimodal Interfaces for Geospatial Navigation”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2012-2013 Jon Cole, Center for Undergraduate Research Fellowship  
 “Virtual Simulations of Compensatory Techniques for Age-Related Vision Loss”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2011-2012 Jon Cole, Undergraduate Research and Creative Activity  
 CLAS Fellowship  
 “Virtual simulations of age-related visual impairment”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)
- 2011-2012 Josh Leger, Undergraduate Research and Creative Activity  
 CLAS Fellowship  
 “Visual Augmentation for Aging and Navigation”  
 (R.R. Corey, Co-PI; with N.A. Giudice, PI)

**Mentoring and Leadership:**

- 2010 - Present VEMI Undergraduate Research and Education Supervisor  
 20 undergraduate students annually
- 2015 Capstone Advisor in Computer Science  
 Students: Samuel Gates, Brenden Peters, & Ethan Porter
- 2014 Capstone Advisor in Computer Science  
 Students: Jonathan Cole & Meghan Hurlburt
- 2013 Capstone Mentor in Computer Science  
 Students: Sylvia Allain
- 2013 Capstone Advisor in New Media  
 Students: Stephen Talbot, Charles Dolloff, and Chris Bryant

2013 Capstone Advisor in Mechanical Engineering  
Student: Timothy McGrath

2010 Vice President  
Intermedia Student Organization

**Graduate Supervising, Mentoring, and/or Advising 1+ Semesters in Lab:**

2019-Present Emily Blackwood: IPh.D. Virtual Archaeology (Advisor)  
2019-Present Danial Regan: Ph.D. Chemical and Biological Engineering (Committee)  
2018-Present Paul Fink: Learning to Trust in Autonomous Vehicles  
2018-2019 Kaitlyn Haase: Ph.D. Immersive Virtual Haptics (Committee)  
2018-2019 Christina LeBlanc: Higher Education  
2016–2018 Samuel Gates: M.S. Spatial Navigation  
2016-2018 Kaitlyn Haase: M.S. Assistive Technology and Spatial Navigation  
2016-2017 Stacy Doore: Ph.D. Spatial Preposition use in Indoor Scene Descriptions  
2015-2019 Emily Blackwood: M.S. Quaternary & Climate Studies  
2015–2018 Jon Cole: Compensatory Augmentation and VR for Information  
Visualization  
2015–2017 Kendra Bird: M.S. Quaternary & Climate Studies.  
2014–2018 Hari Palani: Ph.D. Vibro-audio Interface Testing and Development.  
2014-2017 Aaron Boothroyd: M.A. Interdisciplinary Studies (Committee)  
2014–2015 Kristin Doherty: M.S. Communications.  
2012–2017 Raymond Perry: Augmented and Virtual Reality for Information  
Visualization.  
2011–2013 Hari Palani: M.S. Indoor Navigation with Vibro-audio Interfaces.  
2010–2017 Chris Bennett: Spatial Cognition and Functional Equivalence.  
2010–2016 Hengshan Li: Spatial Cognition and Indoor Navigation.  
2010–2013 Saranya Kesavan: M.S. Visual-spatial Image Conversion.  
2010–2012 Shreyans Jain: M.S. Indoor Navigation Spatial Audio Interfaces.  
2009–2011 Monoj Kumar Raja: M.S. Vibro-audio Touchscreen Interfaces for  
Learning.

**Undergraduate Research Advising 1+ Semesters in Lab :**

2019 Laura Friel: Bowdoin Student  
2019 Matthew Donnelly: Bowdoin Student  
2019 Rose XI: Bowdoin Student  
2019-Present Roisin Rumsay: Computer Science  
2019-Present Theodore Erikson: Mechanical Engineering Technology  
2019-Present Jessica Holz: Communication Science Disorders  
2019-Present Colleen DeMaris: Computer Science  
2019-Present Aubree Nygaard: Computer Science

2018-Present	Isaac Sparks-Willey: Computer Science
2018-Present	Oisin Biswas: Computer Science
2018-Present	Nathan Brown: Accounting & Finance
2018-Present	Betlehem Abay: Bioengineering
2018-2019	Joanna Howell: Social Work
2018-2019	Anna Webber: Bioengineering
2018-2019	Daniel Lesko: Bioengineering
2018-2019	Coulter Morrill: Kinesiology
2018	Justin Hafner: Kinesiology
2018	Timothy Alholm: Computer Engineering
2018-Present	Adam Farrington: Computer Science
2017-2019	Annie Hepburn: New Media & Social Work
2017-2019	Christina LeBlanc: Secondary Education & English
2017-Present	Maggie Karas: Social Work
2017-2018	Rob Owens: Computer Science
2017	Hanna Karas: New Media
2017-Present	Sophia Crockett-Current: New Media
2017	Todd Hawkins: Computer Science
2016-Present	Walter Rasmussen: Computer Engineering
2016-2017	Tyler Hine: Psychology
2016-2017	Dakoda Brown: Computer Science
2016-2019	Bradley Butler: Psychology
2016-2018	John San Diego: Computer Science
2016-2018	Nicholas Jensen: Psychology
2016	Alex Rizzini: English
2016	Harrison Meagher: Computer Science
2016-2017	Allarie Lever: University Studies
2015–2017	Amy Fortier-Brown: New Media
2015–2016	Ethan Porter: Computer Science
2015–2016	Scott Richards: Computer Science
2015	Emily Blackwood: Anthropology
2015	Brian Hodges: Electrical Engineering
2014–2016	Samuel Gates: Computer Science
2014–2017	Toni Kaplan: New Media
2014–2016	Brenden Peters: Computer Science
2014–2015	Peter Coleman: New Media
2014–2015	Jake Lavoie: Studio Arts
2014–2015	Clayton Peterson: Computer Science
2014	Samuel Foster: Physics
2013–2014	Sylvia Allain: Computer Science
2013–2015	Meghan Hurlburt: Computer Science
2012–2015	Dustin Sleight: Mechanical Engineering/Theater
2012–2013	Michelle Beauchemin: Engineering Physics
2011–2012	Joshua Leger: Electrical and Computer Engineering
2011–2012	Ashley Suttter: Psychology

2011–2012	Meghan White: Political Science
2011–2014	Jon Cole: Computer Science
2010–2012	Raymond Perry: Electrical Engineering
2010–2012	Rafael Ramos: Psychology
2010	Joshua Gaylin: MicroBiology
2009–2015	Tim McGrath: Mechanical Engineering
2009–2010	Tim Baker: Mathematics.

### **High School Interns**

2018-2019	Max Sennett
Summer 2018	Nathaniel Batson
Summer 2018	Lily Millard
2018-2019	Theodore Erikson
2018-2019	Roisin Rumsey
Summer 2018	Tyler Delargy
Summer 2017	David Levoy
Summer 2017	Benjamin Rayhill
Summer 2016	Reid Hastings

### **Creative Exhibitions:**

Jun. 2018	VEMI Family BBQ Carnegie Hall, University of Maine
Jan. 2019	Rapid Research Week Carnegie Hall, University of Maine
Sept. 2018	VEMI10: Working in Emerging Technology Conference Buchanan Alumni House, University of Maine
Jan. 2018	Rapid Research Week Carnegie Hall, University of Maine
Oct. 2017	“VEMI Lab Halloween” (augmented reality) Carnegie Hall, University of Maine
Aug. 2015	“Invasive Species” (a culinary incident / installation), Center for Maine Contemporary Arts, Rockland, ME
Mar. 2015	“VEMI Education Exhibition” (a community event), Maine Science Festival, Bangor, ME
Oct. 2014	“VEMI Open House II” (augmented reality)



Carnegie Hall, University of Maine

Aug. 2014 "Invasive Species" (a culinary incident),  
IMRC Black Box, University of Maine

Apr. 2014 "Collaborative Research" (installation),  
GSG Expo, IMRC, University of Maine

Jan. 2014 "VEMI Open House" (augmented reality)  
Carnegie Hall, University of Maine

Jan. 2013 "Knick'd" (a culinary incident),  
Lord Hall Gallery, University of Maine

Sep. 2012 "Spitting into the Wind" (haptic installation),  
Asymmetrick Arts Gallery, Rockland, ME

Sep. 2011 "Tugging on Superman's Cape" (installation),  
Lord Hall Gallery, University of Maine

Apr. 2011 "The Gorsedd" (a culinary incident),  
Corey Daniels Gallery, Wells, ME

Dec. 2010 "The Gorsedd" (a culinary incident),  
Pavilion Theatre, University of Maine

Sep. 2010 "Gretel and Hansel" (illustrations),  
Without Borders, Lord Hall, University of Maine

May. 2010 "An Evening with Professor Enki" (a culinary incident),  
Lord Hall Gallery, University of Maine

Dec. 2009 "5 Cubes" (haptic installation),  
Class Action Show, Bangor, ME

Apr. 2009 "Crispy Jello" (light installation),  
GSG Expo, ESRB, University of Maine

Feb. 2009 "My Squishy" (haptic installation),  
Open House, Lord Hall, University of Maine

Feb. 2009 "Strange Narrative" (sound, sculpture, and light),  
Campus Mall, University of Maine

- Dec. 2008 "Sentinels" (light installation),  
Freese Pop Show, Bangor, ME
- Oct. 2008 Stairdivarius (interactive installation),  
Carnegie Hall, University of Maine
- May. 2008 "Wild Squirrel" (painting),  
Cardelli Private Collection, Brunswick, ME

**Media and Public Outreach:**

- 2019 CLAS News. Online news article.  
"The VEMI Lab receives grant to research human-vehicle collaboration in autonomous vehicles" News Piece.
- 2019 UMaine News. Online news article.  
"UMaine research project focuses on improving trust in autonomous vehicles using human-vehicle collaboration." News Piece.
- 2019 WVII ABC7. 8/26/2019.  
"UMaine's VEMI Lab receives \$500,000 grant to research fully self-driving vehicle." News/Video Piece.
- 2019 Bowdoin News. Online news article.  
"Virtual Reality Opens Up New Worlds at Bowdoin." News Piece.
- 2018 Umaine News. Online news article.  
"Social Media Spotlight: Emily Blackwood." News Piece.
- 2018 Umaine News. Online news article.  
"Social Media Spotlight: Justin Hafner." News Piece.
- 2018 WABI TV5, 09/21/2018  
"VEMI Lab Celebrates 10<sup>th</sup> Anniversary" News/Video Piece.
- 2018 Bowdoin College  
"Expanding Access to STEM." Online news article.
- 2018 The Maine Edge, Online Article  
"UMaine receives National Science Foundation grant." News Piece.
- 2017 Maine Alumni Magazine, Spring 2017  
"Eye-Opening Education." Magazine Article.

2016 WABI TV5, 5/24/16  
Virtual Reality in Maine: Part 2. News/Video Piece

2016 WABI TV5, 5/23/16  
Virtual Reality in Maine: Part 1. News/Video Piece

2016 UMaine Today, News 5/06/16  
WLBZ reports on sensor technology research to help older adults stay at home. News piece.

2016 VRNews Blog, news 4/20/16  
Virtual Terrain Simulator is a VR Peripheral the Replicates Ground Surfaces. News piece.

2016 SCIS, Media 4/17/16  
Campus Organization Tours VEMI Lab. News piece.

2016 SCIS, Media 3/28/16  
Four VEMI Lab Papers Accepted for 2016 Human-Computer Interaction International Conference. News piece.

2016 SCIS, Media 3/23/16  
SCIS Students Continue STEM Outreach. News piece.

2016 Maine Science Festival, News 3/19/16  
VEMI Lab Live News piece.

2016 SCIS, Media 2/15/16  
VEMI Continues Outreach to Inspire Maine Kids with STEM Education. News piece.

2016 Lincoln Academy Blog, News 2/11/16  
Virtual Reality: Our Future World? Teen Science Cafe. News piece.

2015 Portland Press Herald, 11/26/15  
Dartmouth, UMaine aim to help scholars study historic films. News piece.

2015 UMaine Today, News 11/21/15  
VEMI Lab cited in Dartmouth News Article. News piece.

2015 Dartmouth Now 11/18/15  
Mark Williams and Media Ecology Project Receive NEH Grant

2015 WFVX, 10/21/15

- Back to the Future Day. News piece.
- 2015 King.Sentate.Gov, 8/13/15  
At Telehealth Roundtable, King Calls for Increased Investment and Federal Support for Telemedicine. News piece.
- 2015 WABI TV5, 8/13/15  
UMaine Hosts Telehealth Conference. News piece.
- 2015 WVII ABC 7, 8/13/15  
Senator King Calls for More Telemedicine; Asking for Regulatory Change and Broadband Expansion. News piece.
- 2015 MPBN, 8/13/15  
Sen. King Calls for More Investment in Telemedicine. News piece.
- 2015 University of Maine: View Book, 8/1/15  
Explore Frontiers at UMaine
- 2015 WABI-TV 5, 6/26/15  
Retirees: These gadgets will help you stay in your home longer. News piece.
- 2015 Portland Monthly: Tomorrowland, 6/1/15  
VEMI Lab Igniting imaginations. News piece.
- 2015 WABI-TV 5, 3/21/15  
First-Ever Maine Science Festival in Bangor. News piece.
- 2015 WABI-TV 5, 3/5/15  
UMaine Undergrads Assembling Technology to Enhance Virtual Reality Programs. News piece.
- 2015 Bangor Daily News, 2/19/15  
A Republican and Democrat agree: Strong UMaine strengthens state's future
- 2014 Bangor Daily News, 11/6/14  
UMaine showcases cross-disciplinary aging research and technology. News piece.
- 2014 WFVX FOX 22, 10/2/14  
VEMI Lab Showcases Updated Virtual & Touch Devices. News piece.
- 2014 Maine Department of Labor

- Program That Prepares Students Who Are Blind or Visually Impaired for College Highlights Opportunity, Teaches Independence. News piece.
- 2014 Senator George J. Mitchell Center for Sustainability Solutions, 5/19/14  
High-tech Wind Farm Simulation Awaits Monhegan Island Tourists
- 2014 The Maine Campus, 3/24/14  
UMaine VEMI Lab combines research, technology, friendship. Story.
- 2014 WABI TV5, 2/13/14  
UMaine Students Show Off "Virtual Reality". News piece.
- 2014 WVII ABC 7, 2/13/14  
VEMI Lab on UMaine Campus Holds Open House. News piece.
- 2013 Bangor Daily News, 2/8/13  
UMaine researchers working to shape the future of virtual sight. Story.
- 2013 WFVX Bangor, 2/6/13  
Committee Looks to UMaine Students for Workforce Preparedness. Coverage.
- 2013 The Maine Campus, 2/3/13  
'Knick'd – A Culinary Incident' a dining oddity by UMaine grads
- 2012 UMaine Today, Winter  
Space Travel : How can virtual reality inform our navigation of real world environments? Cover story.
- 2012 UMaine Today, Winter  
Forward Thinking: UMaine alum embraces the challenge of being first
- 2012 The Free Press, 10/10/12  
Art Current: See Touch Hear at Asymmetrick Arts
- 2012 UMaine College of Liberal Arts and Sciences Look Book annual publication. News piece.
- 2011 The Maine Campus  
Get plugged in: UMaine virtual reality lab creates something from nothing. News piece.
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Culinary Incident at UMaine . News piece.

2011 College of Liberal Arts and Sciences Annual  
Culinary Incident at UMaine. Story.

2009 UMaine College of Engineering Magazine  
VEMI Lab featured in news article.

### **Publications and Presentations:**

Teisl, M.F., Noblet, C.L., Corey, R.R., and Giudice, N.A. (2018). Seeing clearly in a virtual reality: Tourist reactions to an offshore wind project. *Applied Energy*.

Noblet, C., Teisl, M.F., Kashkooli, M., Teisl, B., Corey, R.R., & Giudice, N.A. (2016) Potential Tourism Impacts of an Offshore Wind Farm Near Monhegan Island. Technical Report for the University of Maine's School of Economics and the Senator George J. Mitchell Center for Sustainability Solutions (corresponding author).

Teisl, M.F., Noblet, C.L., Corey, R.R., & Giudice, N.A. (2016). Using VR Technology to Access Tourist Reactions to an Offshore Wind Farm. *Northeastern Agricultural and Resource Economics Association (NAREA) Annual Workshop*. June 22-23, Bar Harbor, ME.

Bennett, C.R., Corey, R.R., Giudice, U., and Giudice, N.A. (2016). Immersive virtual reality simulation as a tool for aging and driving research. In J. Zhou & G. Salvendy (Eds.), *Proceedings of the Second International Conference of Human Aspects of IT for the Aged Population (ITAP)*, Part of HCI International 2016. Toronto, CA. July 17-22 (pp. 377-385). Springer International.

Li, H., Corey, R.R., Giudice, U., and Giudice, N.A. (2016). Assessment of visualization interfaces for assisting the development of multi-level cognitive maps. In D.D. Schmorow & M.C. Fidopiastis (Eds.), *Proceedings of the 10<sup>th</sup> International Conference of Foundations of Augmented Cognition*, Part of HCI International. Toronto, CA. July 17-22 (pp. 308-321). Springer International.

Peters, B.M., Corey, R.R., & Giudice, N.A. (2016). Dynamic Motion Control: Networked Control Software and Expanded Physical Capabilities for Virtual Environment Motion Feedback Devices. Oral presentation at the UMaine Student Research Symposium, April, Cross Insurance Center, Bangor, ME.

Gates, S.C.P., Corey, R.R., & Giudice, N.A. (2015). Multi-Tag Radio Frequency Indication for use in Indoor Positional Tracking Systems. Interactive Exhibition at the Center for Undergraduate Research (CUGR) showcase, April, University of Maine, Orono, ME.  
[jointly awarded 1st prize for exhibit]

McGrath, T.C. , Corey, R.R., & Giudice, N.A. (2015). Development of a Non-Visual Indoor Navigation Assistive Device Using Real-Time Tracking and Multimodal Feedback. Interactive Exhibition at the Center for Undergraduate Research (CUGR) showcase, April, University of Maine, Orono, ME.

Peters, B.M., Corey, R.R., & Giudice, N.A. (2015). Low-Power Device for Indoor Mapping and Navigation. Interactive Exhibition at the Center for Undergraduate Research (CUGR) showcase, April, University of Maine, Orono, ME.

Hurlburt, M.S., Corey, R.R., & Giudice, N.A. (2015). Monitoring Independently Aging Adults With Radio Frequency Indicator Technology: An Inexpensive and Noninvasive Solution for Aging in Place. Interactive Exhibition at the Center for Undergraduate Research (CUGR) showcase, April, University of Maine, Orono, ME.  
[jointly awarded 1st prize for exhibit]

Sleight, D.A., Corey, R.R., & Giudice, N.A. (2015). Dynamic Motion Control: Developing a 6 DOF motion platform for use in Virtual Environments. Interactive Exhibition at the Center for Undergraduate Research (CUGR) showcase, April, University of Maine, Orono, ME.

Bell, J.B., Corey, R.R., Engstrom, B.R. (2014) Fundamental Structures and Paradigms that produce Functional Collaborative Models in Creative Productions. Diss. University of Maine.

Bell, J.B., Corey, R.R., Engstrom, B.R., (2014). Intermedial Collaborative Studies, UMaine Graduate Expo, April 2014, University of Maine.

Perry, R.J., Corey, R.R., & Giudice, N.A. (2014). Earths Radiational Balance in Virtual Reality, UMaine Graduate Expo, April 2014, University of Maine.

McGrath, T.C., Corey, R.R., & Giudice, N.A. (2014). Non-visual indoor navigation using three-dimensional auditory displays and sensory feedback from Mobile devices. Interactive Exhibition at the 2014 Center for Undergraduate Research (CUGR) showcase, April, UMaine. [awarded 1st prize for demos]

Sleight, D.A., Corey, R.R., & Giudice, N.A. (2014). Mobile mapping Applications: Developing site-specific access to multimodal interfaces for geospatial navigation. Interactive Exhibition at the 2014 Center for Undergraduate Research (CUGR) showcase, April, UMaine.

Cole, J.D., Corey, R.R., & Giudice, N.A. (2014). Virtual simulations of compensatory techniques for age-related vision loss. Interactive Exhibition at the 2014 Center for Undergraduate Research (CUGR) showcase, April, UMaine.

Allain, S., Corey, R.R., & Giudice, N.A. (2014). virtual modeling of forest populations in Maine given the introduction of invasive plant species. Poster at the 2014 Center for Undergraduate Research (CUGR) showcase, April, UMaine.

Hurlburt, M.T., Corey, R.R., & Giudice, N.A. (2014) Using virtual reality to model offshore wind turbines. Poster at the 2014 Center for Undergraduate Research (CUGR) showcase, April, UMaine.

Corey, Richard R.R. (2011) Tugging on Superman's Cape. Diss. UMaine.

Anderson, G.S., Corey, R.R., (2003). Illustrations for “The Adventures of the Bait Barrel Kids and Other Maine Adventures”. Anchor Publishing.