

As faculty and staff concerned about the warming of the earth that is changing our climate, we urge our nation's universities to make a rapid and steady shift away fossil fuels to clean, renewable energy. To avoid the worst effects of climate change, we need nothing less than a commitment to meeting all our energy needs with abundant, pollution-free renewable energy by no later than 2050.

Renewable energy has incredible potential. We could power the nation 10 times over with available wind resources, and existing solar potential is 100 times our current energy needs. At the same time, we waste tremendous amounts of energy.

Major corporations including Google, General Motors and Walmart have committed to powering their operations entirely with renewable energy. Dozens of cities have also made commitments; Salt Lake City and Park City, Utah; Aspen, Colorado; and Georgetown, Texas all agree that the future is 100 percent renewable power.

As significant users of energy, colleges and universities can also make a big difference: The higher education sector spends \$14 billion a year on energy costs alone. At the same time, as influential institutions, universities' actions can set a bold example for hundreds of communities across America.

Many universities have already set 100 percent renewable energy goals, including Cornell University, Boston University, and all 10 schools in the University of California System.

In order to build on the progress that has been made and ensure that we transition to a clean and renewable future, we call on the higher education sector to:

- Make a clear commitment to achieve 100 percent renewable energy for all operations -- including heating, cooling, and transportation -- no later than 2050.
- Set a benchmark of achieving 100 percent renewable electricity no later than 2035.

We thank our nation's universities for their leadership to date and stand ready to help achieve 100 percent renewable energy and put America on a path to a truly clean energy future.

Sincerely,

Cot Routson, Northern Arizona University James Buizer, University of Arizona Laura Huenneke, Northern Arizona University Sara Souther, Northern Arizona University Albert Page, University of California Riverside Amanda Lucia, University of California Riverside Andrej Pervan, University of California San Diego Andrew Tonkovich, University of California Irvine Andrew Szasz, University of California Santa Cruz Andrew Tirrell, University of San Diego Angelov Farooq, University of California Riverside Ariel Dinar, University of California Riverside Austin Hedeman, University of California Berkeley Austin Johnson, University of California Riverside Benjamin King, University of California Riverside Brian Todd, University of California Davis Brij Lunine, University of California Santa Cruz Candace Slater, University of California Berkeley Carolina Prado, San Jose State University Charles Jones, University of California Santa Barbara Cherrie Veriato, University of California Riverside Chikako Takeshita, University of California Riverside Chioun Lee, University of California Riverside

Chris Benner, University of California Santa Cruz Christopher Papouchis, California State University Sacramento Costanza Rampini, San Jose State University Daniel Karp, University of California Davis Daniel Biggers, University of California Riverside David Pion-Berlin, University of California Riverside Don Wood, Stanford University Emilio Laca, University of California Davis Eric Smith, University of California Santa Barbara Erika Suderburg, University of California Riverside Erika Zavaleta, University of California Santa Cruz Ertem Tuncel, University of California Riverside Evan Jan, University of California San Diego Farah Godrej, University of California Riverside Francesca Hopkins, University of California Riverside Gary Griggs, University of California Santa Cruz Geoff Allen, University of California Santa Barbara Gerald Clarke, University of California Riverside Graham Fogg, University of California Davis Guillermo Douglass-Jaimes, Pomona College Hiroshi Fukurai, University of California Santa Cruz Ivon Darancou, University of California Riverside James Baker, Humboldt State University

Jeffrey Koseff, Stanford University Jeremy Busacca, University of California Riverside Jim Graham, Humboldt State University Joan Frank, University of California Davis John Meyer, Humboldt State University John Wills, University of California Riverside John Kim, University of California Riverside John Jennings, University of California Riverside John Medearis, University of California Riverside Judith Rodenbeck, University of California Riverside Julia Cantzler, University of San Diego Kara Nelson, University of California Berkeley Karen Holl, University of California Santa Cruz Karl Taube, University of California Riverside Katja Guenther, University of California Riverside Kelli King, University of California Riverside Keun-Pyo Park, University of California Riverside Kevin Esterling, University of California Riverside Kinnari Atit, University of California Riverside Leosheng Wu, University of California Riverside Leslie Gray, Santa Clara University Lindsay Bowman, University of California Davis Lindsay Hinck, University of California Santa Cruz

Lisa Jacobson, University of California Santa Barbara Loren Cannon, Humboldt State University Loren Collingwood, University of California Riverside Margaret Ferguson, University of California Davis Maria Ballester, University of California Riverside Megan Thiele, San Jose State University Mehrdad Mohebi, Laney College Miguel Karian, Humboldt State University Naoki Yamanaka, University of California Riverside Nigel Hughes, University of California Riverside Patrick Ferraro, San Jose State University & Santa Clara University Paul Faulstich, Pitzer College Paul Chang, University of California Riverside Priscilla Ruedas, University of California Riverside Richard Carpiano, University of California Riverside Richard Appelbaum, University of California Santa Barbara Rita Kohli, University of California Riverside Robert Ream, University of California Riverside Robert Heilmayr, University of California Santa Barbara Rong Hai, University of California Riverside Ruoyao Shi, University of California Riverside Ryan Coonerty, University of California Santa Cruz

Sandra Smith, University of California Berkeley Sandrine Matiasek, California State University Chico Semi Cole, University of California Riverside Sharon Oselin, University of California Riverside Shukan Patel, University of California Los Angeles Simonetta Falasca-Zamponi, University of California Santa Barbara Slawek Tulaczyk, University of California Santa Cruz Stephan Miescher, University of California Santa Barbara Steven Helfand, University of California Riverside Susan Wood, University of California Riverside Terry Trumbull, San Jose State University Thomas Moschetti, University of California Santa Cruz Tias Weber, University of California Santa Cruz Tom Lutz, University of California Riverside Victoria Reyes, University of California Riverside Wendy Martyna, University of California Santa Cruz Zahra Hajee, University of California Los Angeles Chiara Piovani, University of Denver Greg Cronin, University of Colorado Denver Larry Erbert, University of Colorado Denver Alexander Anievas, University of Connecticut Alexis Boylan, University of Connecticut

Andy Jolly-Ballantine, University of Connecticut Anji Seth, University of Connecticut Anne Oeldorf-Hirsch, University of Connecticut Anne Wettersten, University of Connecticut Ashis Basu, University of Connecticut Beth Notar, Trinity College Beth Taylor, University of Connecticut C. Arthur VanLear, University of Connecticut Cathryn Wright, University of Connecticut Cathy Schlund-Vials, University of Connecticut Cato Laurencin, University of Connecticut Challa Kumar, University of Connecticut Cheryl Greenberg, Trinity College Christoph Geiss, Trinity College Claire Bazzano, University of Connecticut Clare Costley King'oo, University of Connecticut Claudia Kraemer, University of Connecticut Colleen Spurling, University of Connecticut Constanza Segovia, Trinity College Cyrus Zirakzadeh, University of Connecticut Dan Lloyd, Trinity College Daniel Weiner, University of Connecticut

Amber Pitt, Trinity College

Daniel O'Reilly, University of Connecticut Davarian Baldwin, Trinity College David Pierce, University of Connecticut David Weakliem, University of Connecticut David Embrick, University of Connecticut David Reed Solomon, University of Connecticut Dimitris Xygalatas, University of Connecticut Donald Rogers, University of Connecticut Dwight Codr, University of Connecticut Eleanor Ouimet, University of Connecticut Emma Bojinova, University of Connecticut Eric Williamson, University of Connecticut Felicia Pratto, University of Connecticut Florence Marsal, University of Connecticut Francoise Dussart, University of Connecticut Fred Lee, University of Connecticut George Bollas, University of Connecticut George Gibson, University of Connecticut lan Stevenson, University of Connecticut Irene Papoulis, Trinity College James Rusling, University of Connecticut James Cole, University of Connecticut Janet Barnes-Farrell, University of Connecticut

Jason Courtmanche, University of Connecticut JC Beall, University of Connecticut Jeffrey Shoulson, University of Connecticut Jeffrey Ladewig, University of Connecticut Jeffrey Ogbar, University of Connecticut Jen Bowman, Trinity College Jennifer Regan-Lefebvre, Trinity College Jeremy Pais, University of Connecticut Jessica Beaudet, University of Connecticut Jie He, University of Connecticut Jillian Wanik, University of Connecticut Jocelyn Linnekin, University of Connecticut Johannes Evelein, Trinity College John Malone, University of Connecticut John Volin, University of Connecticut John N. Ivan, University of Connecticut Jon Rizzo, University of Connecticut Jonathan Gourley, Trinity College Jose Gascon, University of Connecticut Joseph McAlhany, University of Connecticut Julie Fosdick Gillingham, University of Connecticut Karl Guillard, University of Connecticut Keith Wood, University of Connecticut

Kevin MacDermott, Trinity College Kevin McBride, University of Connecticut Laura Holt, Trinity College Laura Cisneros, University of Connecticut Laurie Devaney, University of Connecticut Leslie Desmangles, Trinity College Lida Maxwell, Trinity College Luciana Santoferrara, University of Connecticut Manisha Desai, University of Connecticut Mary Dudas, Trinity College Mary Concklin, University of Connecticut Mary Bernstein, University of Connecticut Masakazu Yamamoto, University of Connecticut Michael FitzGerald, Trinity College Michael Braunstein, University of Connecticut Michael Dietz, University of Connecticut Michael Wallace, University of Connecticut Michael Duni, Ph.D., University of Connecticut Micki McElya, University of Connecticut Mike Pilger, Trinity College Mitchell Polin, Trinity College Mona Anderson, University of Connecticut Na Fu, Trinity College

Nicole Horen, University of Connecticut Oksan Bayulgen, University of Connecticut Pengfei Liu, University of Connecticut Peter Luh, University of Connecticut Rachel D'Antonio, University of Connecticut Radenka Maric, University of Connecticut Raymond Baker, Trinity College Rebecca Stearns, University of Connecticut Richard Parnas, University of Connecticut Richard Ashby Wilson, University of Connecticut Rick Gibbons, University of Connecticut Robert Corber, Trinity College Robert Outten, Trinity College Robert Henning, University of Connecticut Robin Greeley, University of Connecticut Sally McBrearty, University of Connecticut Samuel Martinez, University of Connecticut Sarah Raskin, Trinity College Sarah Willen, University of Connecticut Scott Stephenson, University of Connecticut Senjie Lin, University of Connecticut Sherry Zane, University of Connecticut Simon Cheng, University of Connecticut

Stephen Smith, University of Connecticut Steven Wisensale, University of Connecticut Susan DiVietro, Trinity College Susan Glenney, University of Connecticut Susanne Yelin, University of Connecticut Tania Huedo-Medina, University of Connecticut Thomas Wickman, Trinity College Thomas Shea, University of Connecticut Thomas Hayes, University of Connecticut Tom Deans, University of Connecticut Veronica Herrera, University of Connecticut Voula Collins, University of Connecticut Wayne Franklin, University of Connecticut Weidong Li, University of Connecticut William Ouimet, University of Connecticut Xinyi Shen, University of Connecticut Yang Cao, University of Connecticut Alastair Harborne, Florida International University Alice Gray Read, Florida International University Anthony Rossi, University of North Florida Brigitte Tsobgny, Florida State University Camila Granados, Florida International University Camomilia Bright, Florida State College at Jacksonville

Carolyne Ali-Khan, University of North Florida Charlotte Blanding, Florida State College at Jacksonville Cristina Baldacci, Florida International University David Bell, Florida State College at Jacksonville David Begley, University of North Florida Dirk Libaers, University of South Florida Douglas Magomo, Florida Southwestern State College Eben Broadbent, University of Florida Eric Hsiao, Florida State University Janet Spiller, Florida State University Jannefer Coleman, Florida State College at Jacksonville Jim Gross, Santa Fe College John Kominoski, Florida International University Jonathan Harrison, Florida Gulf Coast University Ken Peters, Florida International University Mary Seal, Florida Southwestern State College Michael Ruse, Florida State University Miroslav Gantar, Florida International University Patricia Crews, Florida State College at Jacksonville Philip Stoddard, Florida International University Robert Humphries, Florida Gulf Coast University Robert Benford, University of South Florida

Suzanne Koptur, Florida International University Victoria Colleli, The College of Central Florida Chip Fletcher, University of Hawai'i at Mānoa Neil Frazer, University of Hawai'i at Mānoa Connie Fletcher, Loyola University Chicago Kevin Erickson, Loyola University Chicago Ray Dybzinski, Loyola University Chicago Bangshuai Han, Ball State University Bennet Brabson, Indiana University Carissa Carman, Indiana University James Eflin, Ball State University Robert Koester, Ball State University Sherif Attallah, Ball State University Walter Grondzik, Ball State University Francis Eanes, Bates College John Smedley, Bates College Barbara Morgan, Johns Hopkins University Daniel Viete, Johns Hopkins University Jennifer Culbert, Johns Hopkins University Rebecca Kelly, Johns Hopkins University Stephen Fried, Johns Hopkins University Vesla Weaver, Johns Hopkins University William Connolly, Johns Hopkins University

A.L. Wing, University of Massachusetts Amherst Aaron Tauscher, University of Massachusetts Amherst

Adam Grabell, University of Massachusetts Amherst

Adam Porter, University of Massachusetts Amherst Adam Hausknecht, University of Massachusetts Dartmouth

Alex Jacobs, Salem State University

Alexander Vasquez, University of Massachusetts Boston

Alexey Tonyushkin, University of Massachusetts Boston

Alexia Pollack, University of Massachusetts Boston

Alice Carter, University of Massachusetts Boston

Alice Perry, Westfield State University

Alison Bates, University of Massachusetts Amherst

Allan Taylor, Westfield State University

Amanda West, University of Massachusetts Boston

Amber Scoon, Westfield State University

Aminda O'Hare, University of Massachusetts Dartmouth

Amy Smith, Salem State University

Amy Schalet, University of Massachusetts Amherst Andrea Klimt, University of Massachusetts Dartmouth

Andrew Leong, University of Massachusetts Boston

Andrew Bonacci, Westfield State University Andy Danylchuck, University of Massachusetts Amherst Angelo Puppolo Jr., Westfield State University

Anita Milman, University of Massachusetts Amherst

Ann Ferguson, University of Massachusetts Amherst

Anna Beckwith, University of Massachusetts Boston Anne Broadbridge, University of Massachusetts Amherst

Anne Erde, University of Massachusetts Boston

Anni Cecil, Wheaton College

Anthea Gabriel, University of Massachusetts Boston

Anthony Paik, University of Massachusetts Amherst

Anthony Arrigo, University of Massachusetts Dartmouth

April Wright, University of Massachusetts Lowell

Ashley Woodman, University of Massachusetts Amherst

Ava Kreider Mueller, University of Massachusetts Dartmouth

Barbara Cruikshank, University of Massachusetts Amherst

Ben Winslow, University of Massachusetts Dartmouth

Benjamin Lieberman, Fitchburg State University

Benjamin Weil, University of Massachusetts Amherst

Bernard Morzuch, University of Massachusetts Amherst

Bethany Nelson, Emerson College

Bethany Bradley, University of Massachusetts Amherst

Bharatendra Rai, University of Massachusetts Dartmouth

Bianca Bersani, University of Massachusetts Boston

Bo Sheng, University of Massachusetts Boston Brenda Bushouse, University of Massachusetts Amherst

Brian Helmuth, Northeastern University

Brian Alves, Salem State University

Biran Cacchiotti, Salem State University

Brian Ogilvie, University of Massachusetts Amherst

Brian Lickel, University of Massachusetts Amherst

Brian Broadrose, University of Massachusetts Dartmouth

Brian Conz, Westfield State University

Bridget Thompson, University of Massachusetts Amherst

Bridgette Budhlall, Ph.D., University of Massachusetts Lowell

Brigitte Lagoutte, Salem State University

Bruce Winn, Berkshire Community College

Burton Van Nae Edwards, Ph.D., Berkshire Community College

C.N. Le, University of Massachusetts Amherst

Caleb Rounds, University of Massachusetts Amherst

Cami Condie, Salem State University

Carlos Benavides, University of Massachusetts Dartmouth

Caroline Yang, University of Massachusetts Amherst Carrie Ann Quinn, University of Massachusetts Boston

Carsten Braun, Westfield State University

Catherine Womack, Bridgewater State University

Catherine Lowry, University of Massachusetts Amherst

Charles Prescott, Berkshire Community College

Chris Picone, Fitchburg State University

Chris Hantman, Mass College of Liberal Arts

Chris Felton, University of Massachusetts Amherst

Chris Eisenhart, University of Massachusetts Dartmouth

Christa Hodapp, University of Massachusetts Lowell

Christiane Healey, University of Massachusetts Amherst

Christina Biron, University of Massachusetts Dartmouth

Christopher Larkosh, University of Massachusetts Dartmouth

Christopher Jocobsen, University of Massachusetts Dartmouth

Christopher Phillips, University of Massachusetts Lowell

Christopher Niezrecki, University of Massachusetts Lowell

Claire McCarthy, Salem State University

Colleen Keough, University of Massachusetts Amherst

Craig Nicolson, University of Massachusetts Amherst

Craig Slatin, University of Massachusetts Lowell

Crandall McLean, North Shore Community College

Cristine Smith, University of Massachusetts Amherst

Dan Seger, Salem State University

Dan Clawson, University of Massachusetts Amherst

Daniel Welsh, Fitchburg State University

Daniel Mulcare, Salem State University

Daniel Noel, University of Massachusetts Boston

Daniel St. John, University of Massachusetts Boston

Danielle Santos, North Shore Community College Danielle Thomas, University of Massachusetts Amherst

Danielle Bromwich, University of Massachusetts Boston

David Johnson, Mass College of Liberal Arts

David Arnold, University of Massachusetts Amherst

David Cort, University of Massachusetts Amherst

David Sigmon, University of Massachusetts Boston

David Milstone, University of Massachusetts Dartmouth

David Kagan, University of Massachusetts Lowell

David Lewis, University of Massachusetts Lowell

Dawn Pulley, University of Massachusetts Boston

Deborah Stone, Fitchburg State University

Deborah Henson, University of Massachusetts Amherst

Deborah Metzel, University of Massachusetts Boston

Deborah Gilwood, Westfield State University

Denise Sharif, University of Massachusetts Boston

Dennis Rosemartin, Salem State University

Dennis Roderick, University of Massachusetts Dartmouth

Devon Lynch, University of Massachusetts Dartmouth

Dianne Sears, University of Massachusetts Amherst

Dina Bozicas, University of Massachusetts Lowell

Donald Tarallo, Fitchburg State University

Donald Foster, University of Massachusetts Dartmouth

Donna Folino, Salem State University

Donna Vanasse, University of Massachusetts Amherst

Donna Friedman, University of Massachusetts Boston

Doug Roscoe, University of Massachusetts Dartmouth

Dr. Arlee Dulak, University of Massachusetts Lowell

Dr. Benjamin Levy, Fitchburg State University

Dr. John Tamilio III, Salem State University

Dr. Sandra Carriker, North Shore Community College

Ed Tronick, University of Massachusetts Boston

Edward Engelmann, Bridgewater State University

Edward James, Bridgewater State University

Edward Stanek III, University of Massachusetts Amherst

Edward Ginsberg, University of Massachusetts Boston

Eileen Colby, University of Massachusetts Boston

Ela Carbone, University of Massachusetts Amherst

Eleanore Velez, Berkshire Community College

Elena Traister, Mass College of Liberal Arts

Elena Stone, University of Massachusetts Boston Elisabeth Arruda, University of Massachusetts Dartmouth

Elizabeth Gordon, Fitchburg State University

Elizabeth Walsh, Fitchburg State University

Elizabeth Harvey, University of Massachusetts Amherst

Elizabeth Connor, University of Massachusetts Amherst

Elizabeth Follmer, University of Massachusetts Amherst

Elizabeth Lehr, University of Massachusetts Dartmouth

Elizabeth Preston, Westfield State University

Elizabeth Stassinos, Westfield State University

Ellen Douglas, University of Massachusetts Boston

Ellen Mandly, University of Massachusetts Dartmouth

Enrique Gonzalez-Velasco, University of Massachusetts Lowell

Eric Johnson, University of Massachusetts Amherst

Erik Jensen, Salem State University

Eunsang Yoon, University of Massachusetts Lowell

Fatima Serra, Salem State University

Feodor Gostjev, Bridgewater State University

Frank Mabee, Fitchburg State University Franky Descoteaux, North Shore Community College Garrett Washington, University of Massachusetts Amherst

Gary Pace, University of Massachusetts Dartmouth

Gayle Fischer, Salem State University

Genevieve Morse, University of Massachusetts Boston

George Chigas, University of Massachusetts Lowell

Georgia Mavrommati, University of Massachusetts Boston

Gerol Petruzella, Mass College of Liberal Arts

Gerol Rabbitt, Salem State University

Glaucia Silva, University of Massachusetts Dartmouth

Glenn Hazelton, Northeastern University

Gopala Vasudeven, University of Massachusetts Dartmouth

Greg Carroll, Salem State University

Gregory Barry, M.Ed., M.A.A.E., Fitchburg State University

Gregory Beck, University of Massachusetts Boston

Gretchen Rossman, University of Massachusetts Amherst

Hannah Kelliher, University of Massachusetts Boston

Hans Johnston, University of Massachusetts Amherst

Heather Zaykowski, University of Massachusetts Boston

Heather Donovan, University of Massachusetts Dartmouth

Heidi Scott, University of Massachusetts Amherst

Heidi Berggren, University of Massachusetts Dartmouth Humra Athar, University of Massachusetts Lowell

Ira Silver, Fitchburg State University

Jack Petras, North Shore Community College

Jack Szpiler, Westfield State University

Jacqueline Lageson, University of Massachusetts Boston

Jacquie Kurland, University of Massachusetts Amherst

James Boyce, University of Massachusetts Amherst

James Hicks, University of Massachusetts Amherst

James Allen, University of Massachusetts Boston James Edwards, University of Massachusetts Dartmouth

James Argiro, Westfield State University

Jane Huang, Fitchburg State University

Jane Theriault, Salem State University

Jane Fountain, University of Massachusetts Amherst

Janet Fairbairn, University of Massachusetts Dartmouth

Jean Forward, University of Massachusetts Amherst

Jean Salgado, University of Massachusetts Dartmouth

Jean Francois-Allaux, University of Massachusetts Dartmouth

Jeff Pugh, University of Massachusetts Boston

Jeffrey Gerson, University of Massachusetts Lowell

Jenn Houle, Fitchburg State University

Jennie Stephens, Northeastern University

Jennifer Heuer, University of Massachusetts Amherst

Jennifer Nye, University of Massachusetts Amherst

Jennifer Fugate, University of Massachusetts Dartmouth

Jennifer Koop, University of Massachusetts Dartmouth

Jerry Blitefield, University of Massachusetts Dartmouth

Jessica Robey, Fitchburg State University

Jessica Burt, North Shore Community College

Jessica Jiang, University of Massachusetts Dartmouth

Jill McDonough, University of Massachusetts Boston

Joel Wolfe, University of Massachusetts Amherst

Joel Tickner, University of Massachusetts Lowell

John Ambacher, Fitchburg State University

John Hayes, Salem State University

John Fobanjong, University of Massachusetts Dartmouth

John Wooding, University of Massachusetts Lowell

Jonathan Kessler, LICSW, Salem State University

Jonathan Wynn, University of Massachusetts Amherst

Jose Mora, University of Massachusetts Dartmouth

Joseph Krupczynski, University of Massachusetts Amherst

Joseph Elkinton, University of Massachusetts Amherst

Joseph Ramsey, University of Massachusetts Boston

Joseph Chang, University of Massachusetts Dartmouth

Josephine Sturgis, University of Massachusetts Boston

Josh MacLeod, Wheaton College

Joye Bowman, University of Massachusetts Amherst

Judith Elliston, Ph.D., MassBay Community College

Judith McDonald, Westfield State University

Julie Whitlow, Salem State University

Justin Fermann, University of Massachusetts Amherst

Karen Druffel, Fitchburg State University

Karen Terrell, University of Massachusetts Dartmouth

Karen Rezendes, University of Massachusetts Dartmouth

Karen Gulbrandsen, University of Massachusetts Dartmouth

Kari Loomis, University of Massachusetts Amherst

Karwan Salih, University of Massachusetts Boston

Kate Glavin, University of Massachusetts Boston

Katharine Riley, University of Massachusetts Boston

Katharyn Caldera, University of Massachusetts Dartmouth

Katherine Tucker, University of Massachusetts Lowell

Kathleen Romanos, North Shore Community College

Kathleen McMullin, University of Massachusetts Boston

Kathleen Suchon, University of Massachusetts Dartmouth

Kathryn McGrath, MassBay Community College

Kathryn LaMay-Miller, Westfield State University

Kathy Colon, University of Massachusetts Amherst

Keith Chenot, Fitchburg State University

Kellee Siegfried, University of Massachusetts Boston

Kelly Ward Mason, University of Massachusetts Boston

Ken Reker, Salem State University

Kenneth Campbell, University of Massachusetts Boston

Kenyatta Von Muller, University of Massachusetts Boston

Kerry Mackin, North Shore Community College

Khanh Dinh, University of Massachusetts Lowell

Klaus Schliep, University of Massachusetts Boston

Komalpereet Kaur, Salem State University

Kori Lantas, University of Massachusetts Boston

Kris Nelson, University of Massachusetts Amherst

Krishna Mallick, Salem State University

Kristen Sethares, University of Massachusetts Dartmouth

L Carl Fiocchi, University of Massachusetts Amherst

Lal Chugh, University of Massachusetts Boston

Laryy Davis, North Shore Community College Larry Miller, University of Massachusetts Dartmouth

Larry Ork, University of Massachusetts Dartmouth

Laura Lovett, University of Massachusetts Amherst

Laura Punnett, University of Massachusetts Lowell

Laurie Grant, Salem State University

Laurie Milliken, University of Massachusetts Boston

Leah Fernandes, Fitchburg State University Leland Ackerson, University of Massachusetts Lowell

Lelia King, North Shore Community College

Lena Fletcher, University of Massachusetts Amherst

Lilia Bartolome, University of Massachusetts Boston Linda Smircich, University of Massachusetts Amherst

Lindsay Towle, Westfield State University

Lisa Azeni, North Shore Community College

Lisa Gonsalves, University of Massachusetts Boston

Lisa Heller Boragine, Cape Cod Community College

Lori Weeden, University of Massachusetts Lowell Lorraine Cordeiro, University of Massachusetts Amherst

Louise Putnam, University of Massachusetts Boston

Luis De Leon, University of Massachusetts Boston

Luvai Motiwalla, University of Massachusetts Lowell

Lynn Shelley, Westfield State University

Makoto Saito, Westfield State University

Marc Pomplun, University of Massachusetts Boston

Marcos Luna, Salem State University

Margaret Fitzgerald, University of Massachusetts Boston

Maria Gloria de Sá, University of Massachusetts Dartmouth

Marijoan Bull, Westfield State University

Martha Fuentes-Bautista, University of Massachusetts Amherst

Mary Carlin, Salem State University

Mary Malone, University of Massachusetts Boston

Matt Sneider, University of Massachusetts Dartmouth

Matthew Bowser, University of Massachusetts Boston

Matthew Hall, University of Massachusetts Dartmouth

Matthew Hurwitz, University of Massachusetts Lowell

Mattityahu Zimbler, University of Massachusetts Amherst

Maureen Farley, North Shore Community College

Maureen Warner, University of Massachusetts Amherst

Meledath Govindan, Ph.D., Fitchburg State University

Melissa Quashie, University of Massachusetts Boston

Michael Hoberman, Fitchburg State University

Michael Christie, Salem State University

Michael Tlusty, University of Massachusetts Boston

Michael Gilbert, University of Massachusetts Boston

Michael Griffin, University of Massachusetts Dartmouth

Michael Carter, University of Massachusetts Lowell

Michele Davila, Salem State University

Michelle Budig, University of Massachusetts Amherst

Molly Pedriali, University of Massachusetts Boston

Monica Leisey, Salem State University

Monica Calzolari, University of Massachusetts Boston

Morgan James Peters, University of Massachusetts Dartmouth

Mzamo Mangaliso, University of Massachusetts Amherst

Nadimpalli Mahadev, Fitchburg State University

Nancy Tufo, North Shore Community College

Nancy DeLuca, University of Massachusetts Lowell

Naomi Darling, University of Massachusetts Amherst

Nathaniel Whitmal II, University of Massachusetts Amherst

Neenah Estrella-Luna, Salem State University

Neil Reilly, University of Massachusetts Boston

Nicholas Santavica, University of Massachusetts Dartmouth

Nicole Champagne, University of Massachusetts Lowell

Nigel Dobereiner, Westfield State University

Noel Healy, Salem State University

Ofer Sharone, University of Massachusetts Amherst

Paige Warren, University of Massachusetts Amherst

Pamela Hirsch, Ph.D., Salem State University

Pamela Stawasz, University of Massachusetts Amherst

Pamela Collazo, University of Massachusetts Dartmouth

Patrice Miller, Salem State University

Patricia Lynne, Fitchburg State University

Patricia Bianconi, University of Massachusetts Amherst

Patricia Lozano, Wheaton College

Patrick Dwyer, University of Massachusetts Boston

Patrick Pritchett, Westfield State University

Paul Katzman, University of Massachusetts Amherst

Paul Katz, University of Massachusetts Amherst

Paul Atwood, University of Massachusetts Boston

Paula Montgomery, Bridgewater State University

Paula Telesco, University of Massachusetts Lowell Peggi Clouston, University of Massachusetts Amherst

Peter Sessa, Northeastern University

Peter Houlihan, University of Massachusetts Amherst

Peter Taylor, University of Massachusetts Boston

Qian Yu, University of Massachusetts Amherst

Rachel Kulick, University of Massachusetts Dartmouth

Randall Phillis, University of Massachusetts Amherst

Randi Darling, Westfield State University Rebecca Ready, University of Massachusetts Amherst Rebecca Pereira, University of Massachusetts Dartmouth

Rebecca Olander, Westfield State University

Reid Parsons, Fitchburg State University

Reiko Sono, University of Massachusetts Amherst

Rene Reeves, Fitchburg State University

Reyes Coll-Tellechea, University of Massachusetts Boston

Richard Lewis, Salem State University

Richard Legault, University of Massachusetts Dartmouth

Rick Pilsner, University of Massachusetts Amherst

Rick Hochberg, University of Massachusetts Lowell

Rita Lam, University of Massachusetts Boston

Robert Williams, University of Massachusetts Amherst

Robert Forrant, University of Massachusetts Amherst

Robert Darst, University of Massachusetts Dartmouth

Robyn Hannigan, University of Massachusetts Boston

Rodney Dube, Westfield State University

Ron Cheung, University of Massachusetts Boston Ronald Biron, University of Massachusetts Dartmouth

Roni Lipton, University of Massachusetts Boston

Rosa Oculto, University of Massachusetts Boston Rowland Barrett, University of Massachusetts Dartmouth Roy Kennedy, MassBay Community College Royal Hartigan, University of Massachusetts Dartmouth

Russell Schutt, University of Massachusetts Boston Samantha Davis, University of Massachusetts Amherst

Sandra Yudilevich Espinoza, Salem State University

Sanjiv Gupta, University of Massachusetts Amherst

Sara Moore, Salem State University

Sarah Lazare, Westfield State University

Serena Parekh, Northeastern University

Setou Ouattara, Salem State University

Sharon Thomas, Salem State University

Shuxia Chen, University of Massachusetts Boston

Siamak Movahedi, University of Massachusetts Boston

Solange Brault, University of Massachusetts Boston

Sravan Surampudi, University of Massachusetts Amherst

Stellan Vinthagen, University of Massachusetts Amherst

Stephen Arons, University of Massachusetts Amherst

Stephen Olbrys Gencarella, University of Massachusetts Amherst

Stephen Collins, University of Massachusetts Lowell

Steve Edwards, Fitchburg State University

Steve Striffler, University of Massachusetts Boston

Steven Neville, University of Massachusetts Boston

Steven White, University of Massachusetts Dartmouth

Steven Courtemanche, University of Massachusetts Lowell

Sue Gunby, Salem State University

Susan Pilaud, Salem State University

Susan Krumholz, University of Massachusetts Dartmouth

Susan Costa, University of Massachusetts Dartmouth

Suvinda Govindraj, University of Massachusetts Dartmouth

Swami lyer, University of Massachusetts Boston

Tara Rajaneimi, University of Massachusetts Dartmouth

Teresa Eliot Roberts Ph.D., University of Massachusetts Amherst

Thaer Momani, University of Massachusetts Boston

Thomas Murray, Fitchburg State University

Thomas Whalen, Mass College of Liberal Arts

Thomas Zoeller, University of Massachusetts Amherst

Tim Ford, University of Massachusetts Amherst

Timothy Jay, Mass College of Liberal Arts

Timothy Walker, University of Massachusetts Dartmouth

Timothy Nulty, University of Massachusetts Dartmouth

TJ Schmith, Westfield State University

Tobias Monte, University of Massachusetts Dartmouth

Todd Fuller, University of Massachusetts Amherst

Toni Cunningham, University of Massachusetts Amherst

Touba Ghadessi, Wheaton College

Tracy McCree, University of Massachusetts Dartmouth

Travis Johnston, University of Massachusetts Boston

Tristram Seidler, University of Massachusetts Amherst

Tyler Walsh, University of Massachusetts Amherst

Ujwala Panse, MassBay Community College

Ursula Tafe, University of Massachusetts Boston

Viera Lorencova, Fitchburg State University

Wendy Polins, Salem State University

William Lang, North Shore Community College

William Cunningham, Salem State University

William Nelles, University of Massachusetts Dartmouth

Xiaogang Deng, University of Massachusetts Boston Yale Magrass, University of Massachusetts Dartmouth

Yusef Hayes, North Shore Community College

Zehra Parvez, University of Massachusetts Amherst Ziddi Msangi, University of Massachusetts Dartmouth

Zlatinka Blaber, Salem State University

Alexandra Locher, Grand Valley State University

Daniel Clay, Michigan State University

Elena Lioubimtseva, Grand Valley State University

Nancy O'Neill, Grand Valley State University Tara Kneeshaw, Grand Valley State University Christie Manning, Macalester College Karen Coker, Southern New Hampshire University Abigail Reardon, Rutgers University Allison Thomas, Rutgers University Amy Lina, Rutgers University Angela Baker, Rutgers University Anna Maron, Rutgers University Anna Dalesandro, Rutgers University Antonio Miranda, Rutgers University Beatrice Birrer, Rutgers University Briance Mascarenhas, Rutgers University Brooke Maslo, Rutgers University Carol Singley, Rutgers University Celines Villalba, Rutgers University Charles Weibel, Rutgers University Chee-Kok Chin, Rutgers University Chery Robinson, Rutgers University Cori Anderson, Rutgers University Deb Koch, Rutgers University Deeksha Singh, Rutgers University Desmond Lun, Rutgers University

Dolores Jonczak, Rutgers University Eli Moore, Rutgers University Elisabeth Sikes, Rutgers University Ezzah Syed, Rutgers University Fatima Mir, Rutgers University Francesco Smedile, Rutgers University Gal Hochman, Rutgers University George Clark, Rutgers University Henry John-Alder, Rutgers University Jacek Cyranka, Rutgers University Jack LiuLiu, Rutgers University Jacqueline Vinasco, Rutgers University Janet Leli, Rutgers University John Taylor, Rutgers University Johnathan Cain, Rutgers University Johnny Lin, Rutgers University Jonathon McFall, Rutgers University Jorge Marcone, Rutgers University Jorgelina Sime, Rutgers University Joseph Martin, Rutgers University Joseph Weiss, Rutgers University Julia Levin, Rutgers University Karen Bemis, Rutgers University

Kate Douthat, Rutgers University Kathleen Kerwin, Rutgers University Katie Sillitti, Rutgers University Kelly Quesnelle, Rutgers University Kevon Rhiney, Rutgers University Kristi Collemacine, Rutgers University Kurt Spellmeyer, Rutgers University Margaret Marsh, Rutgers University Mark Keitges, Rutgers University Mary Shaw, Rutgers University Mercedes Diaz, Rutgers University Michael Morelli, Rutgers University Mohammad Jalayer, Rutgers University Nalini Kaul, Rutgers University Nancy Cintron, Rutgers University Nicole Bizzoco, Rutgers University Nicole Clark, Rutgers University Norman Markowitz, Rutgers University Oliver Pechenik, Rutgers University Paola Gambarota, Rutgers University Paul Meers, Rutgers University Pauline Mitchell, Rutgers University Philip Davis, Rutgers University

Pradeep Subedi, Rutgers University Rhiannon Welch, Rutgers University Richard Ludescher, Rutgers University Richard Riman, Rutgers University Richard Epstein, Rutgers University Robin Todd, Rutgers University S. Chan Choi, Rutgers University Sabrina DelPiano, Rutgers University Saeed Babanajad, Rutgers University Samuel Rabinowitz, Rutgers University Selen Altiok, Rutgers University Seol Ki, Rutgers University Shaheen Ayubi, Rutgers University Shan Harewood, Rutgers University Shelley Catanzaro, Mercer community college Silke Severmann, Rutgers University Surendran Arumugam, Rutgers University Tamra Carpenter, Rutgers University Ted Green, Rutgers University Thomas Hillman, Rutgers University Timothy Casey, Rutgers University Tobias Schulze-Cleven, Rutgers University Tracie Paulson, Rutgers University

William Fleisher, Rutgers University William Saidel, Rutgers University Willow Kion-Crosby, Rutgers University Xi Chen, Rutgers University Xiaoli Zhou, Rutgers University Yair Rosenthal, Rutgers University Yanhong Jin, Rutgers University Zhanel DiVides, Rutgers University Zheng-Chao Han, Rutgers University Kenneth Carroll, New Mexico State University Marci Eannarino, Santa Fe Community College Scott Ferrenberg, New Mexico State University Thaddieus Conner, New Mexico State University Wiebke Boeing, New Mexico State University Anne Toomey, Pace University Diana Aga, University at Buffalo Katarzyna Kordas, University at Buffalo Leonard Nevarez, University of Wisconsin Oshkosh Michael Smith, Ithaca College Paul Crovella, State University of New York, College of Environmental Science and Forestry Robyn Smyth, Bard College Seungsook Moon, University of Wisconsin Oshkosh Maria Savasta-Kennedy, University of North Carolina

Richard Bilsborrow, University of North Carolina at Chapel Hill Richard Andrews, University of North Carolina at Chapel Hill Robert Cox, University of North Carolina at Chapel Hill Alia Dietsch, The Ohio State University Carl McDaniel, Oberlin College Catherine Stuer, Denison University Cynthia Frantz, Oberlin College Dennis Hubbard, Oberlin College John Petersen, Oberlin College Jordan Katz, Denison University Ramiro Berardo, The Ohio State University Sayeed Mehmood, The Ohio State University Stacey Fineran, The Ohio State University Laurence Becker, Oregon State University Christopher Vaughen, Montgomery County Community College Loretha Moore, Montgomery County Community College Richard Herbst, Montgomery County Community College Bill Ranson, Furman University Brannon Andersen, Furman University Weston Dripps, Furman University Agnes Sekowski, University of Texas at Austin Alan Friedman, University of Texas

Allen MacDuffie, University of Texas at Austin Brian Hermann, University of Texas at San Antonio Christine Williams, University of Texas at Austin Christopher Ellison, University of Texas San Antonio Dan Levine, University of Texas at Arlington David Arctur, University of Texas at Austin Donald Williams, University of Texas Donald Howard, University of Texas at Austin Elizabeth Cullingford, University of Texas at Austin Emily Northrop, Southwestern University Eugenio Arima, University of Texas at Austin Gregory Knapp, University of Texas at Austin Gunnar Schade, Texas A&M University Hannah Wojciehowski, University of Texas at Austin Heather Houser, University of Texas at Austin Hongjie Xie, University of Texas at San Antonio Jason Brownlee, University of Texas at Austin Jason Cons, University of Texas at Austin Jermone Bump, University of Texas at Austin John Geissman, University of Texas at Dallas Josh Busby, University of Texas at Austin Joyce Goldberg University of Texas at Arlington Jules Elkins, University of Texas at Austin

Juyan Zhang, University of Texas San Antonio Kara Kockelman, University of Texas at Austin Kate Catterall, University of Texas at Austin Lisa Moore, University of Texas at Austin Madeline Hsu, University of Texas at Austin Matthais Hofferberth, University of Texas San Antonio Megan Raby, University of Texas at Austin Mortaza Pirouz, University of Texas Nazan Ssygin, University of Texas San Antonio Nicole Frame, University of Texas San Antonio Philip Barrish, University of Texas at Austin Rene Prieto, University of Texas at Dallas Richard Mitterer, University of Texas at Dallas Ritu Mathur, University of Texas San Antonio Robert J Stern, University of Texas at Dallas Snehal Shingavi, University of Texas at Austin Stephen White, University of Texas at Austin Stephen Ackley, University of Texas San Antonio Steven Friesen, University of Texas at Austin Tim Keitt, University of Texas at Austin William Tierney, University of Texas at Austin William Scheick, University of Texas at Austin Yuko Okumura, University of Texas at Austin

Zoltan Nagy, University of Texas at Austin Bindu Panikkar, University of Vermont Christopher Klyza, Middlebury College Jon Erickson, University of Vermont Karen Nordstrom, University of Vermont Marc Lapin, Middlebury College Matthew Osborn, Green Mountain College Philip Ackerman-Leist, Green Mountain College Rebecca Kneale Gould, Middlebury College Rory Shamlian, University of Vermont Christopher Clarke, George Mason University Dann Sklarew, George Mason University David Kuebrich, George Mason University Diego Valderrama, George Mason University Edward Maibach, George Mason University Esther Peters, George Mason University James Kinter, George Mason University Jennifer Sklarew, George Mason University Joel Foreman, George Mason University John Cook, George Mason University John Kotcher, George Mason University Karmjot Randhawa, George Mason University Michael Wolf-Branigin, George Mason University

Mona Sarfaty, George Mason University Richard Craig, George Mason University Susie Crate, George Mason University Teresa Myers, George Mason University Thomas Lovejoy, George Mason University Albert Osborne, Gonzaga University Ann Ostendorf, Gonzaga University Brian Henning, Gonzaga University Casey Schmitt, Gonzaga University Diane Follett, Clover Park Technical College Gordon Miller, Seattle University Jessica Moats, University of Washington Juliane Mora, Gonzaga University Leslie Stamoolis, Gonzaga University Rob Efird, Seattle University Sophia Orlando, University of Washington Evan Kraft, American University Lisa Benton-Short, George Washington University Paul Van Auken, University of Wisconsin Oshkosh