

Maine Policy Review

Volume 23

Issue 1 *Innovation*

2014

Table of Contents

Follow this and additional works at: <https://digitalcommons.library.umaine.edu/mpr>

Recommended Citation

"Table of Contents." *Maine Policy Review* 23.1 (2014) : 3 -4, <https://digitalcommons.library.umaine.edu/mpr/vol23/iss1/1>.

This Front Matter is brought to you for free and open access by DigitalCommons@UMaine.

FORUMS

Maine’s Innovation Prospects: What the Research Can Tell Us

Linda Silka gives an overview of lessons Maine can learn from the literature on innovation.

by Linda Silka 11

Economic and Technological Innovation in Maine before the Twentieth Century:

Complex, Uneven, but Pervasive and Important

Howard Segal describes Maine’s long history of innovation.

by Howard P. Segal 22

An Emerging Model of Innovation for Maine

Renee Kelly discusses Maine’s recent R&D strategies and suggests additional ones to make rural areas more successful in innovation.

by Renee Kell 28

Transforming Maine’s Economy: Innovation and Entrepreneurship Policy

Catherine Renault suggests how “enhancing the innovation ecosystem” can encourage innovation and entrepreneurship and thereby drive economic growth.

by Catherine Searle Renault 37

R&D:

Cornerstone of the Knowledge Economy

Evan Richert’s detailed analysis of Maine’s R&D expenditures suggests that further investment is needed if Maine is to come up to the national average and improve its per capita income.

by Evan Richert 48

TO OUR READERS 6

THE MARGARET CHASE SMITH ESSAY

Natural Advantages Are
Key to Achieving a Vibrant
Innovation Ecosystem in Maine

by David J. Kappos 8

Research, Innovation, and Commercialization at the University of Maine

James S. (Jake) Ward presents the University of Maine's accomplishments through its use of state R&D funds.

by James S. (Jake) Ward IV. 57

State Investment in University Research and Commercialization: What Is Measurable and What Is Meaningful?

Kris Burton analyzes the challenges in measuring the return on investment in universities by state legislatures.

by Kris Burton 59

Do We Have the Workforce Skills for Maine's Innovation Economy?

John Dorrer describes how a workforce with superior skills is important for economic growth and innovation.

by John Dorrer 65

Interview with Doug Hall on the Role of Training in Innovation

In this interview with Margo Lukens, Doug Hall gives his views on the importance of education in innovation, focusing on his trademarked program in Innovation Engineering.

by Margo Lukens 75

Innovation Engineering Student Perspective

Brianna Hughes and Kathryn Smith reflect on their experiences as students in the University of Maine's Innovation Engineering program.

by Brianna Hughes and Kathryn Smith 80

Encouraging Innovation

Thoughts from Ted Ames, Prize Winner

In this discussion with Linda Silka, McArthur Fellow Ted Ames shares his thoughts on the impact of receiving this award and on creating innovation opportunities for future generations.

by Linda Silka 82

Building Prosperity in Rural Maine

Sheila Jans describes challenges and strategies for cultural development in rural areas such as Maine's St. Johns Valley.

by Sheila Jans 86

Finding Untapped Opportunities in Forests

Linda Silka discusses opportunities for innovation in forests in Maine and elsewhere.

by Linda Silka 88

Farming's Future Depends on Continued Innovation

Farming is on the upswing in Maine, with many innovative practices and institutions as described here by John Piotti.

by John Piotti 90

Improving Maine's Culture of Innovation

Jean Maginnis gives her thoughts on how Maine can foster a culture of creativity and innovation.

by Jean Maginnis. 92

Commentary:

What Innovation Means to Me

by Kerem Durdag 94