

Editorial: Technology Entrepreneurship

Chris McPhee, Editor-in-Chief

Tony Bailetti, Guest Editor

From the Editor-in-Chief

It is my pleasure to welcome back **Tony Bailetti**, Director of Carleton University's Technology Innovation Management program (TIM; carleton.ca/tim), as the guest editor for four issues on the theme of Technology Entrepreneurship: February, March, April, and May. Dr. Bailetti has done a tremendous job of assembling a wonderful line-up of authors for these four issues and I hope you will take advantage of the insights they have provided in their articles.

In his editorial, Dr. Bailetti proposes that the TIM Review should take a leadership position in technology entrepreneurship and global entrepreneurship. Further details about this call to action will be presented in the upcoming TIM Lecture on May 31st at Carleton University. The lecture will focus on the assets and initiatives developed by the TIM program over the past five years (including the TIM Review) and audience members will be encouraged to contribute to the real-time development of an action plan to attain this goal. For more information about this upcoming lecture, see the announcement at the end of the PDF version of this issue.

In June, we will examine the theme of Global Business Creation with **Marko Seppä**, founder of Global Faculty Partners for Problems Worth Solving LP, and **Stoyan Tanev**, Associate Professor at the University of Southern Denmark.

In July, we will be joined by **Stephen Huddart**, President and CEO of the J.W. McConnell Family Foundation, as guest editor for the theme of Social Innovation.

As always, we welcome your feedback, suggestions for future themes, and contributions of articles. We hope you enjoy this issue of the TIM Review and will share your comments on articles online. Please also feel free to contact us (timreview.ca/contact) directly with feedback or article submissions.

Chris McPhee
Editor-in-Chief

From the Guest Editor

Welcome to the May issue of the TIM Review, the last of four issues focused on technology entrepreneurship.

This is a call to entrepreneurs in small and large firms as well as to academics, educators, service providers, and policy makers who serve entrepreneurs all over the world to make the TIM Review the leading journal in technology entrepreneurship and global entrepreneurship over the next three years. While becoming a leading journal in three years seems beyond normal achievements in the "journal business", I have no doubt that the TIM Review can attain this goal.

A leadership position for the TIM Review charted to benefit technology and global entrepreneurs as well as those who support them is most desirable because it will bring clarity to: i) the salient and distinguishing aspects of technology and global entrepreneurship; ii) cost effective solutions to the problems faced by entrepreneurs operating in new and established firms; and iii) the relevance of theoretical advances. A leadership position of the TIM Review will also stretch our thinking, help entrepreneurs make hard decisions, expand our view of the world of entrepreneurship, and develop entrepreneurial skills.

In addition to classic metrics for academic journals (e.g., impact factors, citation rates, number of readers), I offer the following four proof points to track the progress that the TIM Review will make towards a worldwide leadership position:

1. Minimum of 1/3 of total unique visitors originate from outside of North America
2. Minimum of 1/4 of professors who teach technology and global entrepreneurship assign TIM Review content as required readings for their courses
3. Minimum of 20 well-known academics from at least five countries actively engaged as journal article reviewers and guest editors
4. Income generated to cover the costs of first growing the TIM Review to a global leadership position and then maintaining it

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Chris McPhee and Tony Bailetti

The May issue of the TIM Review includes five articles and a report on the third TIM Lecture of 2012. The five articles provide: i) a categorization of firms' growth strategies; ii) a tool that entrepreneurs can use to design their organizations so that they deliver desired outcomes; iii) a model to examine deal-making during the investment stage of a new technology firm; iv) insights on how entrepreneurs profit from the exploitation of opportunities that disrupt the status quo; and v) an overview of the 20 articles published in the February, March, April and May issues of the TIM Review. The report summarizes the third lecture of the 2012 TIM Lecture Series titled "Next-Generation Technology Challenges and Business Opportunities", presented by David Thomas, founder of Bedarra Research Labs on April 19, 2012.

Seppo Leminen, Principal Lecturer at the Laurea University of Applied Sciences, Finland, and **Mika Westerlund**, Assistant Professor at Carleton University's Sprott School of Business, investigate the link between a small firm's investment in R&D and its growth strategy, and they provide a categorization of firms' growth strategies.

Chris McPhee, Editor-in-Chief of the *Technology Innovation Management Review*, describes results-based organization design and provides a tool that entrepreneurs can use to design their organizations so that they deliver desired outcomes.

Arthur Low, founder and CEO of Crack Semiconductor, describes the effect that John Sanguinetti's two companies had on the market for integrated circuit design languages and identifies lessons for entrepreneurs on how to profit from the exploitation of Schumpeterian opportunities.

Michael Ayukawa, founder of Cornerportal, applies a revised version of the model proposed by Oliver Hart and Bengt Holmstrom to examine deal-making during the investment stage of a new technology firm.

Tony Bailetti, Sonia Bot, Tom Duxbury, David Hudson, Chris McPhee, Steven Muegge, Stoyan Tanev, Michael Weiss, Jonathan Wells, and Mika Westerlund provide an overview of the 20 articles on technology entrepreneurship published in the last four issues of the TIM Review.

Twenty-one authors contributed 20 articles to the last four issues. Of the 21 authors, 16 are full-time faculty, staff, or graduate students of Carleton University's Technology Innovation Management (TIM) program and the Sprott School of Business doctoral program; two are faculty members of universities in Nordic countries who have strong ties with TIM faculty; and three are experienced professionals who contribute immensely to the delivery of entrepreneurial programs in Canada's Capital Region.

We thank you for your support of the TIM Review and urge you to engage in its quest to produce a first-class journal for technology entrepreneurs and global entrepreneurs. This worldwide effort offers significant benefits to entrepreneurs and many opportunities for scholarly inquiry and innovative industrial initiatives.

We hope that you, your colleagues, and your organizations benefit from reading the February, March, April and May issues of the TIM Review.

Tony Bailetti
Guest Editor

About the Authors

Chris McPhee is Editor-in-Chief of the *Technology Innovation Management Review* and is in the Technology Innovation Management program at Carleton University in Ottawa. Chris received his BScH and MSc degrees in Biology from Queen's University in Kingston, following which he worked in a variety of management, design, and content-development roles on science-education software projects in Canada and Scotland.

Tony Bailetti is an Associate Professor in the Sprott School of Business and the Department of Systems and Computer Engineering at Carleton University, Ottawa, Canada. Professor Bailetti is the Director of Carleton University's Technology Innovation Management program. His research, teaching, and community contributions support technology entrepreneurship, regional economic development, and international co-innovation.

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