



## dear reader,

We are excited to share with you our new vision for *The Meducator*. Forged through many months of research and experimental toiling, our new layout embraces the vitality and passion of our audience. Work is also well under way on our new media-rich web portal, which will go live next semester.

In this issue, we are proud to feature articles from numerous disciplines within the health sciences. Carlos Muzlera delves into the biochemistry of breast cancer therapy in his investigation of salinomycin, a Notch signaling antagonist. Branavan Manoranjan and Mohsin Ali explore the topic of cancer therapy further in our informed opinion column, by taking an in-depth look at the history of cancer treatment and discussing the future of personalized oncology therapy.

Meanwhile, population health comes to the fore in Nupur Dogra's review on the cognitive, social, and emotional effects of iron deficiency anemia in children of the developing world. Looking closer to home, Shelly Copra explores the critical gaps in mental health and addiction support services in Richmond, B.C.

In the *ForumSpace* column – our collaborative effort with the McMaster Health Forum – Forum fellows Emily Milko and Sherna Tamboly discuss the pressures on the Canadian healthcare system and the urgent need to embrace evidence-informed policies and sustainable reforms in light of the aging Boomer generation.

Also featured in this issue are the winning abstracts of the 2012 McMaster *NeuroXchange* conference, selected by *The Meducator* team.

Finally, we sat down with Dr. P.K. Rangachari, Professor Emeritus of Medicine at McMaster University, for an eye-opening discussion of his thoughts on education and the increasingly competitive race for professional school. In particular, he urges students to find the right “mental country”.

We wanted to take this opportunity to express our heartfelt gratitude towards the members of *The Meducator* team. This issue would not have been possible without the tireless work of our Creative Director and the extraordinarily talented Graphics & Design team, as well as the diligence and commitment of our Managing Editor and the Editorial Board.

Last but not least, we thank you – the reader – for picking up a copy of *The Meducator*. We hope you will enjoy reading this issue as much as we enjoyed making it.

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Andrew Webster

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