

The lasting impact of the 2013 beveridge poster award

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3 **The lasting impact of the 2013 Beveridge poster prize**

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16 When I first started my undergraduate research project I was handed a stack of papers by my
17 supervisor, Professor Anthony Clarke, which covered some of the greatest hits of bacterial
18 cell wall physiology. Included amongst them were some of Professor Terry Beveridge's
19 papers showing in spectacular detail the nature of the cell envelope of Gram-negative and –
20 positive bacteria (Matias et al. 2003; Bernadsky et al. 1994; Matias & Beveridge 2005). I
21 recall being astonished that it was possible to see these remarkable cellular compartments in
22 such detail and was fascinated that a simple molecule like penicillin could do so much
23 damage to them.

24

25 My graduate work focused on the modification of peptidoglycan, the stress-bearing
26 component of the cell envelope so wonderfully depicted in Terry's work. With the support of
27 the Clarke laboratory and the rest of the Department of Molecular and Cellular Biology at the
28 University of Guelph we were able to untangle the molecular basis for peptidoglycan O-
29 acetylation (Moynihan & Clarke 2014b; Moynihan & Clarke 2014a; Moynihan & Clarke
30 2010). This was the work which ultimately lead to me receiving one of the inaugural Terry
31 Beveridge poster awards.

32

33 At one of the first Canadian Society for Microbiologists (CSM) meetings I attended, I recall
34 the president of the CSM at the time commenting that it was “important that rather than being
35 a society for microbiology, [the CSM] was a society for microbiologists”. This important
36 distinction is borne out in the society's efforts to promote and help its junior members,
37 something I believe Terry whole-heartedly supported. Through the oral and poster
38 competitions at the annual general meetings the society is able to showcase the incredible
39 diversity of skill, ideas and work being conducted by young Canadian microbiologists.

40

41 Receiving the inaugural Terry Beveridge poster award was an incredibly humbling
42 experience for me and has had a long-lasting impact on my own scientific career. As a post-
43 doctoral researcher looking to make the transition to principle investigator, showing a track-
44 record of scientific communication and research excellence was critical. Thanks in part to
45 this recognition by the CSM with an oral presentation award in 2009 and the Terry Beveridge
46 poster prize in 2013, I was recently able to make that transition. I currently hold a Future
47 Leader Fellowship from the Biotechnology and Biological Sciences Research Council of the
48 UK. With this fellowship, I have been able to start my own group at the University of
49 Birmingham where we focus on *Mycobacterium tuberculosis*. It is my hope that as a young
50 principle investigator I can model Terry's vision, mentorship and insight as my group
51 attempts to unravel some of the complexities of mycobacterial cell wall metabolism.

52
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