

Map of the book

Unit	Viewing through the lens	Exploring the frontier
		Reading 1
1 Healing with code and care <i>p2</i>	Video: How can AI make health care better? <i>p4</i>	Text: Hard questions doctors need to answer <i>p6</i> Cultivating medical thinking: Reflecting on the role of doctors in AI-assisted medical practice <i>p10</i> Enhancing medical writing: Writing a medical commentary <i>p11</i>
2 Guardians of public health <i>p28</i>	Video: When antibiotics stop working <i>p30</i>	Text: Viruses: An unlikely ally <i>p32</i> Cultivating medical thinking: Assessing phage therapy as a solution to antibiotic resistance and examining other public health crises <i>p37</i> Enhancing medical writing: Writing a narrative-expository medical essay <i>p38</i>
3 Wiring the mind <i>p56</i>	Video: Breakthroughs in China's brain-computer interface technology <i>p58</i>	Text: Why is neuroscience important to everyday life? <i>p60</i> Cultivating medical thinking: Proposing a treatment plan for a patient with brain health problems <i>p64</i> Enhancing medical writing: Writing popular science in a medical context <i>p65</i>
4 Conquering the big C <i>p84</i>	Video: Progress in cancer treatment <i>p86</i>	Text: Precision cancer drugs glitter with promise – if you can get them <i>p88</i> Cultivating medical thinking: Addressing challenges of precision oncology <i>p93</i> Enhancing medical writing: Introducing a cutting-edge treatment <i>p94</i>

Reading 2	Sharpening medical language skills	Navigating medical discourse
Text: AI in medical diagnosis is not just hype <i>p12</i>	Word building: Word-formation rules for medical terms, and roots and affixes related to body parts, diseases, medical tests, etc. <i>p17</i>	Having a panel discussion on the role of AI in health care <i>p20</i>
Text: How mRNA is transforming the way we treat illnesses <i>p39</i>	Word building: Roots and affixes related to bacterial infection, antibody, immune system, etc. <i>p44</i>	Designing a public health campaign proposal to advocate for a healthier community <i>p47</i>
Text: The brain-computer interface revolution is just getting started <i>p66</i>	Word building: Roots and affixes related to the nervous system <i>p71</i>	Presenting a case study on technological applications in neuroscience <i>p74</i>
Text: Standard of care <i>p95</i>	Word building: Roots and affixes related to cancer diagnosis and treatment <i>p100</i>	Designing an academic poster on cancer research <i>p103</i>

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		Reading 1
5 Bioengineered hope <i>p110</i>	Video: Bioprinting – the future of organ creation <i>p112</i>	Text: How stem cells reverse diabetes for the first time in history <i>p114</i> Cultivating medical thinking: Discussing the progress and prospects of stem cell therapies <i>p119</i> Enhancing medical writing: Writing a medical news report <i>p120</i>
6 The end of one-size-fits-all <i>p136</i>	Video: The evolution of medicine <i>p138</i>	Text: A more detailed blueprint for human life <i>p140</i> Cultivating medical thinking: Reflecting on the impact of human pangenome on precision medicine <i>p145</i> Enhancing medical writing: Explaining medical concepts by comparison and contrast <i>p146</i>
7 Living longer, living better <i>p162</i>	Video: Can we reverse aging? <i>p164</i>	Text: Welcome to the golden era of rejuvenation science <i>p166</i> Cultivating medical thinking: Evaluating anti-aging strategies <i>p171</i> Enhancing medical writing: Using causal chains in structuring scientific narratives <i>p172</i>
8 A gentle goodbye <i>p190</i>	Video: Caring for people at the end of their life <i>p192</i>	Text: Storytelling & the unspeakable: Narratives in palliative care <i>p194</i> Cultivating medical thinking: Analyzing palliative care models <i>p198</i> Enhancing medical writing: Writing a parallel chart <i>p199</i>

Reading 2	Sharpening medical language skills	Navigating medical discourse
Text: Battling bladder disorders with regenerative engineering <i>p121</i>	Word building: Roots and affixes related to regenerative medicine <i>p126</i>	Delivering an educational presentation on regenerative medicine <i>p129</i>
Text: Bridging the precision gap in diabetes treatment <i>p147</i>	Word building: Roots and affixes related to genomics and precision medicine <i>p152</i>	Simulating a press conference on the pangenome research on Chinese populations <i>p155</i>
Text: As a doctor, I see aging differently <i>p174</i>	Word building: Roots and affixes related to aging, longevity, aging-related diseases, etc. <i>p179</i>	Presenting a proposal for building an age-friendly society <i>p182</i>
Text: Learning to say goodbye <i>p201</i>	Word building: Roots and affixes related to narrative medicine and palliative care <i>p206</i>	Performing a role-play on enhancing communication in palliative care <i>p209</i>