

Contents

<i>About the authors</i>	viii
<i>Foreword by Irwin Feller</i>	x
<i>Acknowledgments</i>	xiv
<i>Abbreviations</i>	xv
1 Introduction	1
2 An historical context for technology transfer activity in the United States	14
3 US technology transfer policies toward federal laboratories and agencies	17
4 The economics of technology transfer	30
5 On the effectiveness of US technology transfer policies	40
6 Literature on US federal laboratory and agency technology transfer mechanisms	49
7 US federal agency technology transfer mechanisms and metrics	69
8 Agency growth rates of selected technology transfer mechanism metrics	107
9 Agency examples of successful technology transfers	116
10 A public sector knowledge production function	122
11 Exploring the broader impact of R&D spending on technology transfer in federal agencies	128
12 Exploring publications as a technology transfer mechanism	134
13 Exploring new technology transfer metrics	150
14 Technology transfer from the Small Business Innovation Research (SBIR) Program	157
15 Concluding remarks	166
<i>References</i>	169
<i>Index</i>	177