

1. Record Nr.	UNINA9910155010703321
Autore	Perini Katia
Titolo	Urban sustainability and river restoration : green and blue infrastructure // Katia Perini, Paola Sabbion
Pubbl/distr/stampa	Chichester, UK ; ; Hoboken, NJ : , : John Wiley & Sons, , 2017
ISBN	1-119-24494-3 1-119-24495-1 1-119-24502-8
Descrizione fisica	1 online resource (346 pages) : color illustrations
Collana	THEi Wiley ebooks
Disciplina	333.77/153
Soggetti	Urban runoff - Management Restoration ecology Sustainable development Stream restoration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Green and blue infrastructure in cities -- Climate change : mitigation and adaptation strategies -- Environmental and ecological imbalances in dense urban areas -- Water in urban areas : ecological and environmental issues and strategies -- Ecosystem services in urban areas : social, environmental, and economic benefits -- Green and blue infrastructure : vegetated systems -- Green and blue infrastructure : unvegetated systems -- Urban river restoration -- Strategies and techniques : case studies -- Green and blue infrastructure top-down policies -- Bottom-up initiatives for green and blue infrastructure -- Selection of management practices and guidelines -- Opportunities and policies : case studies.

2. Record Nr.	UNINA9910828366103321
Titolo	Encyclopedia of African-American writing : five centuries of contribution : trials & triumphs of writers, poets, publications and organizations / / Bryan Conn Ph.D. & Tara Bynum Ph.D., editors
Pubbl/distr/stampa	Amenia, NY : , : Grey House Publishing, , 2018
ISBN	1-78684-951-8 1-68217-719-X
Edizione	[Third edition.]
Descrizione fisica	1 online resource (xviii, 1,112 pages)
Disciplina	810.989607303
Soggetti	American literature - African American authors African Americans - Intellectual life Encyclopedias. Biography Dictionaries.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface to the second edition, 2009 -- Introduction to the third edition -- Entries A-Z -- Primary documents: About the primary documents -- Appendix A: Chronology of writers -- Appendix B: Chronology of firsts -- Appendix C: Timeline -- Appendix D: Writers by genre -- Appendix E: Writers by occupation -- Appendix F: References -- Appendix G: Key to references.
Sommario/riassunto	A timely survey of an important sector of American letters, African American Writers examines a multitude of black cultural leaders from the 18th century to the present. Updated through the present time, this new second edition covers the role and influence of African American cultural leaders from all walks of life Carefully written articles, with illustrations, cover the important events in a writer's life, education, major works, honors and awards, and family and important associates. A comprehensive, easy to use source that will complement the reference collection of any public, high school or university library, and will prove useful to all university humanities and African American studies reference collections.

3. Record Nr.	UNINA9910965594603321
Titolo	Sources of medical technology : universities and industry / / Nathan Rosenberg, Annetine C. Gelijns and Holly Dawkins, editors ; Committee on Technological Innovation in Medicine, Institute of Medicine
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1995
ISBN	9786610193189 9780309176682 0309176689 9781280193187 1280193182 9780309587617 0309587611 9780585021737 0585021732
Edizione	[1st ed.]
Descrizione fisica	1 online resource (254 p.)
Collana	Medical innovation at the crossroads ; ; v. 5
Altri autori (Persone)	RosenbergNathan GelijnsAnnetine DawkinsHolly V
Disciplina	610/.72
Soggetti	Medical innovations Medicine - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Sources of Medical Technology: Universities and Industry -- Copyright -- Acknowledgments -- Contents -- List of Tables and Figures -- List of Abbreviations -- PART I Setting the Stage -- 1 The Changing Nature of Medical Technology Development -- ORGANIZATION OF THE PRESENT VOLUME -- IMPORTANCE OF UNIVERSITY-INDUSTRY INTERACTIONS -- INTERDISCIPLINARY NATURE OF MEDICAL R&amp; D -- SOME CONCLUDING OBSERVATIONS -- REFERENCES -- 2 Recent Trends in Support for Biomedical Research and Development -- BIOMEDICAL RESEARCH AND DEVELOPMENT FUNDERS -- Federal Spending for Biomedical Research and Development -- Federal

Spending for Medical Device Research and Development -- A Change in the Emphasis of Federal Spending -- Direct Federal Support for Industry -- Tax Credits on Incremental Research and Development -- Industry Spending for Biomedical Research and Development -- Research and Development Investments by Pharmaceutical and Biotechnology Companies -- Research and Development Investments by the Medical Devices Industry -- FUNDING RELATIONSHIP BETWEEN INDUSTRY AND UNIVERSITIES -- FEDERAL EFFORTS TO ENCOURAGE TECHNOLOGY TRANSFER -- The Stevenson-Wydler and the Bayh-Dole Acts -- Federal Technology Transfer Act -- Consequences for University-Industry Relationships -- CONCLUDING OBSERVATIONS -- REFERENCES -- PART II Medical Device Innovation -- 3 Physicians and Physicists: The Interdisciplinary Introduction of the Laser to Medicine -- THE LASER'S INVENTION -- PHOTOCOAGULATION -- FEAR OF INJURY -- POTENTIAL IN OPHTHALMOLOGY -- PHOTOCOAGULATORS AND THE PRIVATE SECTOR -- MORE EARLY MEDICAL LASER RESEARCH -- THE MEDICAL LASER INDUSTRY TODAY -- ACKNOWLEDGMENTS -- REFERENCES -- TECHNICAL APPENDIX -- 4 From the Scalpel to the Scope: Endoscopic Innovations in Gastroenterology, Gynecology, and Surgery -- FIBER OPTICS AND GASTROINTESTINAL ENDOSCOPY. The Fiber-Optic Era -- Further Refinements and New Clinical Applications -- GYNECOLOGICAL LAPAROSCOPY: THE CASE OF SURGICAL CONTRACEPTION -- Developing and Establishing the Clinical Value of First-Generation Gynecological Laparoscopes (1945... -- Development of Second- and Third-Generation Procedures (1970s and 1980s) -- THE SURGEON AND ENDOSCOPY: LAPAROSCOPIC CHOLECYSTECTOMY -- SOME CONCLUDING OBSERVATIONS AND SPECULATIONS -- REFERENCES -- 5 Cochlear Implantation: Establishing Clinical Feasibility, 1957-1982 -- THE IDEA OF ELECTRICAL STIMULATION OF THE HUMAN EAR -- APPROACHES TO IMPLANTATION -- NEW BEGINNINGS: COCHLEAR IMPLANTATION IN THE 1970S -- Work by House, Simmons, and Michelson -- Climate of Conflicting Opinions -- Developing Interest Abroad -- Threshold of a New Era -- THE "CLINICIANS," THE "EXPERIMENTALISTS," AND THE ESTABLISHING OF CLINICAL FEASIBILITY -- CONCLUSIONS -- REFERENCES -- 6 Innovation in Cardiac Imaging -- OVERVIEW OF CARDIAC IMAGING -- Nuclear Cardiology -- Echocardiography -- THE INNOVATION PROCESS -- Examples from Echocardiography and Nuclear Cardiology -- Concept -- Prototype -- Commercialization -- Diffusion -- Refinement -- BARRIERS TO INNOVATION -- CONCLUSION: MOVING TOWARD AN OPTIMAL R& D PROGRAM IN AN INDUSTRIAL FIRM -- ACKNOWLEDGMENTS -- REFERENCES -- APPENDIX A -- Thallium Imaging -- APPENDIX B -- Tc-99 Sestamibi Tracer -- APPENDIX C -- Single Photon Emission Computed Tomography -- APPENDIX D -- Transesophageal Echocardiography -- APPENDIX E -- Acoustic Quantification -- APPENDIX F -- Color Flow -- PART III Biotechnology Innovation -- 7 Incentives and Focus in University and Industrial Research: The Case of Synthetic Insulin -- THE EMERGENCE OF GENETIC ENGINEERING -- RESEARCH COORDINATORS -- A SHORT HISTORY OF THE RDNA INSULIN RESEARCH PROJECTS -- THE ROLE OF INTERDISCIPLINARY RESEARCH. Biochemistry and Molecular Biology -- Organic Chemistry and Molecular Biology -- Interactions with the Wider Medical and Scientific Community -- The Nature of Interdisciplinary Research -- THE ROLE OF INTERINSTITUTIONAL RESEARCH -- Academic Collaboration -- Financial Linkages -- ANALYSIS AND CONCLUSIONS -- The Existence of Heterogeneous Incentives -- The Consequences of Heterogeneous Incentives -- Interlab Competition -- Conclusions: Consequences of

Insulin Research for Future University-Industry Interactions --  
ACKNOWLEDGMENTS -- REFERENCES -- 8 The Division of Innovative  
Labor in Biotechnology -- PARTICIPANTS IN THE DIVISION OF  
INNOVATIVE LABOR IN BIOTECHNOLOGY -- COLLABORATION  
STRATEGIES OF LARGE FIRMS -- EVALUATING AND USING  
TECHNOLOGICAL INFORMATION -- THE DIVISION OF INNOVATIVE  
LABOR: TRANSIENT AND UNDESIRABLE? -- SUMMARY AND  
CONCLUSIONS -- ACKNOWLEDGMENTS -- REFERENCES -- Part IV  
Concluding Observations -- 9 Perspectives on Industrial R&amp; -- D  
Management -- THE CHANGING RESEARCH ENVIRONMENT -- THE  
EVOLVING SCIENCE BASE -- CLINICAL EVALUATION OF NEW  
TECHNOLOGIES -- CONCLUDING OBSERVATIONS -- REFERENCES -- 10  
The Intertwining of Public and Proprietary in Medical Technology --  
Appendices -- Appendix A Workshop Agenda -- THE UNIVERSITY-  
INDUSTRY INTERFACE AND MEDICAL INNOVATION -- Appendix B  
Contributors -- Index.

---

#### Sommario/riassunto

Evidence suggests that medical innovation is becoming increasingly dependent on interdisciplinary research and on the crossing of institutional boundaries. This volume focuses on the conditions governing the supply of new medical technologies and suggest that the boundaries between disciplines, institutions, and the private and public sectors have been redrawn and reshaped. Individual essays explore the nature, organization, and management of interdisciplinary R&D in medicine; the introduction into clinical practice of the laser, endoscopic innovations, cochlear implantation, cardiovascular imaging technologies, and synthetic insulin; the division of innovating labor in biotechnology; the government- industry-university interface; perspectives on industrial R&D management; and the growing intertwining of the public and proprietary in medical technology.

---