**Contents**

[THE QUESTIONNAIRE 13](#_Toc401649436)

[PARTICIPANTS LIST 18](#_Toc401649437)

[SUMMARY OF MAIN FINDINGS 19](#_Toc401649438)

[Number of Sponsored Research Agreements Reached with the Private Sector in 2012, 2013 and 2014 19](#_Toc401649439)

[Dollar Volume of Sponsored Research Agreements Reached with the Private Sector in 2012, 2013 and 2014 19](#_Toc401649440)

[Percentage of Private Sector Sponsored Research Agreements that Involve the Private Sector 19](#_Toc401649441)

[Percentage of the Private Sector Entities that Currently have a Sponsored Research Agreement that have had such an Arrangement with the same Institution Previously 20](#_Toc401649442)

[Likelihood of Having an Office of Sponsored Research 20](#_Toc401649443)

[Percentage of Organizations Sampled with one or more Individuals in Positions Specifically Dedicated to Research Partnerships with the Private Sector 20](#_Toc401649444)

[Length of Time Required to Negotiate a Sponsored Research Agreement 21](#_Toc401649445)

[Who Proposes the First Draft of the Contract? The College or the Company? 21](#_Toc401649446)

[Advisory Boards Drawn From Industry 21](#_Toc401649447)

[Role of Alumni Affairs Office in Pursuing or Arranging Sponsored Research Agreements 22](#_Toc401649448)

[Amount of Staff Time Spent on Blogging and Social Media as a Way to Promote Sponsored Research Opportunities 22](#_Toc401649449)

[Amount of Staff Time Spent Attending Conferences and Seminars as a Way to Promote Sponsored Research Opportunities 22](#_Toc401649450)

[Amount of Staff Time Spent Promoting Sponsored Research Opportunities 22](#_Toc401649451)

[Amount of Time Spent in Disputes with Professors over Rights to or Shares in Proceeds of Agreements with the Private Sector 23](#_Toc401649452)

[Promoting a College’s Capabilities in Sponsored Research Agreements 23](#_Toc401649453)

[Evaluation of Efforts in Sponsored Research 23](#_Toc401649454)

[Outlook for Sponsored Research Funding in the Future 23](#_Toc401649455)

[Percentage Breakdown of Sponsored Research Funding Volume by Field of Endeavor: Medicine and Healthcare 23](#_Toc401649456)

[Percentage Breakdown of Sponsored Research Funding Volume by Field of Endeavor: Software and Information Technology 24](#_Toc401649457)

[Percentage Breakdown of Sponsored Research Funding Volume by Field of Endeavor: Chemicals/Materials/Mining/Agriculture 24](#_Toc401649458)

[Percentage Breakdown of Sponsored Research Funding Volume by Field of Endeavor: Engineering 24](#_Toc401649459)

[Character of Information Flow between University Researchers and Industry Sponsors 24](#_Toc401649460)

[Percentage of Survey Respondents Who have ever had a Dispute with a Private Sector Research Partner who wished to Alter or Prevent Publication of Research Findings 25](#_Toc401649461)

[Percentage of Colleges that have ever Delayed Publication of Research Findings in Order to Allow Private Sector Partner to File a Patent Claim 26](#_Toc401649462)

[Percentage of Colleges Surveyed that have had a Private Sector Partner Try to Disassociate Themselves from a Partnership, Withdraw its Name or Otherwise try to Obstruct Scholarly Research Findings from a Joint Research Venture 26](#_Toc401649463)

[The Signing of Non-Disclosure Agreements 26](#_Toc401649464)

[Table 1.1 Your office serves what type of institution? 28](#_Toc401649465)

[Table 1.2 Your office serves what type of institution? Broken out by Full Time Equivalent Enrollment 28](#_Toc401649466)

[Table 1.3 Your office serves what type of institution? Broken out by Major Area of Technology Specialization 29](#_Toc401649467)

[Table 1.4 Your office serves what type of institution? Broken out by Annual Licensing and Patent Revenue 29](#_Toc401649468)

[Table 1.5 Bro Your office serves what type of institution? Broken out by Public or Private College 30](#_Toc401649469)

[Table 2 How many sponsored research agreements with private sector organizations has the college concluded in each of the following years: 2012, 2013, 2014? 31](#_Toc401649470)

[Table 2.1.1 How many sponsored research agreements with private sector organizations has the college concluded in 2012? 31](#_Toc401649471)

[Table 2.1.2 How many sponsored research agreements with private sector organizations has the college concluded in 2012? Broken out by Full Time Equivalent Enrollment 31](#_Toc401649472)

[Table 2.1.3 How many sponsored research agreements with private sector organizations has the college concluded in 2012? Broken out by Major Area of Technology Specialization 31](#_Toc401649473)

[Table 2.1.4 How many sponsored research agreements with private sector organizations has the college concluded in 2012? Annual Licensing and Patent Revenue 32](#_Toc401649474)

[Table 2.1.5 How many sponsored research agreements with private sector organizations has the college concluded in 2012? Broken out by Public or Private College 32](#_Toc401649475)

[Table 2.2.1 How many sponsored research agreements with private sector organizations has the college concluded in 2013? 32](#_Toc401649476)

[Table 2.2.2 How many sponsored research agreements with private sector organizations has the college concluded in 2013? Broken out by Full Time Equivalent Enrollment 32](#_Toc401649477)

[Table 2.2.3 How many sponsored research agreements with private sector organizations has the college concluded in 2013? Broken out by Major Area of Technology Specialization 33](#_Toc401649478)

[Table 2.2.4 How many sponsored research agreements with private sector organizations has the college concluded in 2013? Broken out by Annual Licensing and Patent Revenue 33](#_Toc401649479)

[Table 2.2.5 How many sponsored research agreements with private sector organizations has the college concluded in 2013? Broken out by Public or Private College 33](#_Toc401649480)

[Table 2.3.1 How many sponsored research agreements with private sector organizations has the college concluded in 2014? 34](#_Toc401649481)

[Table 2.3.2 How many sponsored research agreements with private sector organizations has the college concluded in 2014? Broken out by Full Time Equivalent Enrollment 34](#_Toc401649482)

[Table 2.3.3 How many sponsored research agreements with private sector organizations has the college concluded in 2014? Broken out by Major Area of Technology Specialization 34](#_Toc401649483)

[Table 2.3.4 How many sponsored research agreements with private sector organizations has the college concluded in 2014? Broken out by Annual Licensing and Patent Revenue 35](#_Toc401649484)

[Table 2.3.5 How many sponsored research agreements with private sector organizations has the college concluded in 2014? Broken out by Public or Private College 35](#_Toc401649485)

[Table 3 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in each of the following years: 36](#_Toc401649486)

[Table 3.1.1 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2012? 36](#_Toc401649487)

[Table 3.1.2 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2012? Broken out by Full Time Equivalent Enrollment 36](#_Toc401649488)

[Table 3.1.3 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2012? Broken out by Major Area of Technology Specialization 36](#_Toc401649489)

[Table 3.1.4 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2012? Broken out by Annual Licensing and Patent Revenue 37](#_Toc401649490)

[Table 3.1.5 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2012? Broken out by Public or Private College 37](#_Toc401649491)

[Table 3.2.1 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2013? 37](#_Toc401649492)

[Table 3.2.2 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2013? Broken out by Full Time Equivalent Enrollment 38](#_Toc401649493)

[Table 3.2.3 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2013? Broken out by Major Area of Technology Specialization 38](#_Toc401649494)

[Table 3.2.4 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2013? Broken out by Annual Licensing and Patent Revenue 38](#_Toc401649495)

[Table 3.2.5 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2013? Broken out by Public or Private College 39](#_Toc401649496)

[Table 3.3.1 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2014? 39](#_Toc401649497)

[Table 3.3.2 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2014? Broken out by Full Time Equivalent Enrollment 39](#_Toc401649498)

[Table 3.3.3 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2014? Broken out by Major Area of Technology Specialization 39](#_Toc401649499)

[Table 3.3.4 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2014? Broken out by Annual Licensing and Patent Revenue 40](#_Toc401649500)

[Table 3.3.5 What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in 2014? Broken out by Public or Private College 40](#_Toc401649501)

[Table 4.1 What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors? 41](#_Toc401649502)

[Table 4.2 What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors? Broken out by Full Time Equivalent Enrollment 41](#_Toc401649503)

[Table 4.3 What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors? Broken out by Major Area of Technology Specialization 41](#_Toc401649504)

[Table 4.4 What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors? Broken out by Annual Licensing and Patent Revenue 42](#_Toc401649505)

[Table 4.5 What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors? Broken out by Public or Private College 42](#_Toc401649506)

[Table 5.1 Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously? 43](#_Toc401649507)

[Table 5.2 Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously? Broken out by Full Time Equivalent Enrollment 43](#_Toc401649508)

[Table 5.3 Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously? Broken out by Major Area of Technology Specialization 43](#_Toc401649509)

[Table 5.4 Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously? Broken out by Annual Licensing and Patent Revenue 44](#_Toc401649510)

[Table 5.5 Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously? Broken out by Public or Private College 44](#_Toc401649511)

[Table 6.1 Does your institution have an office of sponsored research? 45](#_Toc401649512)

[Table 6.2 Does your institution have an office of sponsored research? Broken out by Full Time Equivalent Enrollment 45](#_Toc401649513)

[Table 6.3 Does your institution have an office of sponsored research? Broken out by Major Area of Technology Specialization 45](#_Toc401649514)

[Table 6.4 Does your institution have an office of sponsored research? Broken out by Annual Licensing and Patent Revenue 45](#_Toc401649515)

[Table 6.5 Does your institution have an office of sponsored research? Broken out by Public or Private College 46](#_Toc401649516)

[Table 7.1 Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities? 47](#_Toc401649517)

[Table 7.2 Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities? Broken out by Full Time Equivalent Enrollment 47](#_Toc401649518)

[Table 7.3 Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities? Broken out by Major Area of Technology Specialization 47](#_Toc401649519)

[Table 7.4 Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities? Broken out by Annual Licensing and Patent Revenue 48](#_Toc401649520)

[Table 7.5 Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities? Broken out by Public or Private College 48](#_Toc401649521)

[Explain the institutional arrangements for individuals who concern themselves with research partnerships with private sector entities. Are they specialized in certain fields? Do they report to the office of technology transfer, to a research management office, or are they housed in their own department or office? Who is their boss? 49](#_Toc401649522)

[What is the average length of time it has taken to negotiate a sponsored research agreement with a partner or partners? 51](#_Toc401649523)

[Table 8 In general, in your sponsored research agreement, what percentage of the time does the college or the partner propose the first contract draft or template? The two numbers should add to 100%. 52](#_Toc401649524)

[Table 8.1.1 In general, in your sponsored research agreement, what percentage of the time does the college or university propose the first contract draft or template? 52](#_Toc401649525)

[Table 8.1.2 1 In general, in your sponsored research agreement, what percentage of the time does the college or university propose the first contract draft or template? Broken out by Full Time Equivalent Enrollment 52](#_Toc401649526)

[Table 8.1.3 1 In general, in your sponsored research agreement, what percentage of the time does the college or university propose the first contract draft or template? Broken out by Major Area of Technology Specialization 52](#_Toc401649527)

[Table 8.1.4 1 In general, in your sponsored research agreement, what percentage of the time does the college or university propose the first contract draft or template? Broken out by Annual Licensing and Patent Revenue 53](#_Toc401649528)

[Table 8.1.5 1 In general, in your sponsored research agreement, what percentage of the time does the college or university propose the first contract draft or template? Broken out by Public or Private College 53](#_Toc401649529)

[Table 8.2.1 1 In general, in your sponsored research agreement, what percentage of the time does the private partner propose the first contract draft or template? 53](#_Toc401649530)

[Table 8.2.2 In general, in your sponsored research agreement, what percentage of the time does the private partner propose the first contract draft or template? Broken out by Full Time Equivalent Enrollment 53](#_Toc401649531)

[Table 8.2.3 In general, in your sponsored research agreement, what percentage of the time does the private partner propose the first contract draft or template? Broken out by Major Area of Technology Specialization 54](#_Toc401649532)

[Table 8.2.4 In general, in your sponsored research agreement, what percentage of the time does the private partner propose the first contract draft or template? Broken out by Annual Licensing and Patent Revenue 54](#_Toc401649533)

[Table 8.2.5 In general, in your sponsored research agreement, what percentage of the time does the private partner propose the first contract draft or template? Broken out by Public or Private College 54](#_Toc401649534)

[Table 9.1 Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college? 55](#_Toc401649535)

[Table 9.2 Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college? Broken out by Full Time Equivalent Enrollment 55](#_Toc401649536)

[Table 9.3 Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college? Broken out by Major Area of Technology Specialization 55](#_Toc401649537)

[Table 9.4 Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college? Broken out by Annual Licensing and Patent Revenue 56](#_Toc401649538)

[Table 9.5 Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college? Broken out by Public or Private College 56](#_Toc401649539)

[Table 10 If you have such a board or council please rate its level of importance to your efforts to establish mutually beneficial partnerships with the private sector? 57](#_Toc401649540)

[Table 10.1.1 If you have such a board or council please rate its level of Importance for Making Contacts with Industry to establish mutually beneficial partnerships with the private sector? 57](#_Toc401649541)

[Table 10.1.2 If you have such a board or council please rate its level of Importance for Making Contacts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Full Time Equivalent Enrollment 57](#_Toc401649542)

[Table 10.1.3 If you have such a board or council please rate its level of Importance for Making Contacts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Major Area of Technology Specialization 57](#_Toc401649543)

[Table 10.1.4 If you have such a board or council please rate its level of Importance for Making Contacts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Annual Licensing and Patent Revenue 58](#_Toc401649544)

[Table 10.1.5 If you have such a board or council please rate its level of Importance for Making Contacts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Public or Private College 58](#_Toc401649545)

[Table 10.2.1 If you have such a board or council please rate its level of Usefulness in Drafting Contracts with Industry to establish mutually beneficial partnerships with the private sector? 58](#_Toc401649546)

[Table 10.2.2 If you have such a board or council please rate its level of Usefulness in Drafting Contracts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Full Time Equivalent Enrollment 59](#_Toc401649547)

[Table 10.2.3 If you have such a board or council please rate its level of Usefulness in Drafting Contracts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Major Area of Technology Specialization 59](#_Toc401649548)

[Table 10.2.4 If you have such a board or council please rate its level of Usefulness in Drafting Contracts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Annual Licensing and Patent Revenue 59](#_Toc401649549)

[Table 10.2.5 If you have such a board or council please rate its level of Usefulness in Drafting Contracts with Industry to establish mutually beneficial partnerships with the private sector? Broken out by Public or Private College 60](#_Toc401649550)

[Table 10.3.1 If you have such a board or council please rate its level of Usefulness in Advice for Managing Ongoing Projects to establish mutually beneficial partnerships with the private sector? 60](#_Toc401649551)

[Table 10.3.2 If you have such a board or council please rate its level of Usefulness in Advice for Managing Ongoing Projects to establish mutually beneficial partnerships with the private sector? Broken out by Full Time Equivalent Enrollment 60](#_Toc401649552)

[Table 10.3.3 If you have such a board or council please rate its level of Usefulness in Advice for Managing Ongoing Projects to establish mutually beneficial partnerships with the private sector? Broken out by Major Area of Technology Specialization 60](#_Toc401649553)

[Table 10.3.4 If you have such a board or council please rate its level of Usefulness in Advice for Managing Ongoing Projects to establish mutually beneficial partnerships with the private sector? Broken out by Annual Licensing and Patent Revenue 61](#_Toc401649554)

[Table 10.3.5 If you have such a board or council please rate its level of Usefulness in Advice for Managing Ongoing Projects to establish mutually beneficial partnerships with the private sector? Broken out by Public or Private College 61](#_Toc401649555)

[Table 10.4.1 If you have such a board or council please rate its level of Importance for key information useful in negotiations to establish mutually beneficial partnerships with the private sector? 61](#_Toc401649556)

[Table 10.4.2 If you have such a board or council please rate its level of Importance for key information useful in negotiations to establish mutually beneficial partnerships with the private sector? Broken out by Full Time Equivalent Enrollment 62](#_Toc401649557)

[Table 10.4.3 If you have such a board or council please rate its level of Importance for key information useful in negotiations to establish mutually beneficial partnerships with the private sector? Broken out by Major Area of Technology Specialization 62](#_Toc401649558)

[Table 10.4.4 If you have such a board or council please rate its level of Importance for key information useful in negotiations to establish mutually beneficial partnerships with the private sector? Broken out by Annual Licensing and Patent Revenue 62](#_Toc401649559)

[Table 10.4.5 If you have such a board or council please rate its level of Importance for key information useful in negotiations to establish mutually beneficial partnerships with the private sector? Broken out by Public or Private College 63](#_Toc401649560)

[Describe your department's relationship with the alumni affairs office of your institution. Has it been useful in pursuing or arranging sponsored research agreements with private industry? If so how? 64](#_Toc401649561)

[Table 11 In each of the following areas, what has been the trend in the use of staff time at your organization for pursuing private sector research partnerships? 65](#_Toc401649562)

[Table 11.1.1 Time spent blogging or using social media to promote sponsored research agreements with industry 65](#_Toc401649563)

[Table 11.1.2 Time spent blogging or using social media to promote sponsored research agreements with industry Broken out by Full Time Equivalent Enrollment 65](#_Toc401649564)

[Table 11.1.3 Time spent blogging or using social media to promote sponsored research agreements with industry Broken out by Major Area of Technology Specialization 65](#_Toc401649565)

[Table 11.1.4 Time spent blogging or using social media to promote sponsored research agreements with industry Broken out by Annual Licensing and Patent Revenue 66](#_Toc401649566)

[Table 11.1.5 Time spent blogging or using social media to promote sponsored research agreements with industry Broken out by Public or Private College 66](#_Toc401649567)

[Table 11.2.1 Time spent at conferences or seminars looking to promote sponsored research agreements with industry 66](#_Toc401649568)

[Table 11.2.2 Time spent at conferences or seminars looking to promote sponsored research agreements with industry Broken out by Full Time Equivalent Enrollment 67](#_Toc401649569)

[Table 11.2.3 Time spent at conferences or seminars looking to promote sponsored research agreements with industry Broken out by Major Area of Technology Specialization 67](#_Toc401649570)

[Table 11.2.4 Time spent at conferences or seminars looking to promote sponsored research agreements with industry Broken out by Annual Licensing and Patent Revenue 67](#_Toc401649571)

[Table 11.2.5 Time spent at conferences or seminars looking to promote sponsored research agreements with industry Broken out by Public or Private College 68](#_Toc401649572)

[Table 11.3.1 Time spent seeking out contracts or agreements with private industry 68](#_Toc401649573)

[Table 11.3.2 Time spent seeking out contracts or agreements with private industry Broken out by Full Time Equivalent Enrollment 68](#_Toc401649574)

[Table 11.3.3 Time spent seeking out contracts or agreements with private industry Broken out by Major Area of Technology Specialization 68](#_Toc401649575)

[Table 11.3.4 Time spent seeking out contracts or agreements with private industry Broken out by Annual Licensing and Patent Revenue 69](#_Toc401649576)

[Table 11.3.5 Time spent seeking out contracts or agreements with private industry Broken out by Public or Private College 69](#_Toc401649577)

[Table 11.4.1 Time spent in disputes with professors over rights to or shares of agreements with private industry 69](#_Toc401649578)

[Table 11.4.2 Time spent in disputes with professors over rights to or shares of agreements with private industry Broken out by Full Time Equivalent Enrollment 70](#_Toc401649579)

[Table 11.4.3 Time spent in disputes with professors over rights to or shares of agreements with private industry Broken out by Major Area of Technology Specialization 70](#_Toc401649580)

[Table 11.4.4 Time spent in disputes with professors over rights to or shares of agreements with private industry Broken Out by Broken out by Annual Licensing and Patent Revenue 70](#_Toc401649581)

[Table 11.4.5 Time spent in disputes with professors over rights to or shares of agreements with private industry Broken out by Public or Private College 71](#_Toc401649582)

[How does the college go about promoting its openness to sponsored research agreements? 72](#_Toc401649583)

[You have been asked to speak at our fictional conference: Managing Disputes and Legal Costs in Sponsored Research Agreements with Private Industry. Please give us a one paragraph summary of your remarks. 73](#_Toc401649584)

[Does your office have any kind of formal evaluation mechanism to assess the results in terms of beneficial contracts with private industry reached for a given level of staff time investment or spending? If so please describe. 75](#_Toc401649585)

[Table 12.1 In your view over the next year the amount of funding that your institution receives through sponsored research agreements is likely to: 76](#_Toc401649586)

[Table 12.2 In your view over the next year the amount of funding that your institution receives through sponsored research agreements is likely to: Broken out by Full Time Equivalent Enrollment 76](#_Toc401649587)

[Table 12.3 In your view over the next year the amount of funding that your institution receives through sponsored research agreements is likely to: Broken out by Major Area of Technology Specialization 76](#_Toc401649588)

[Table 12.4 In your view over the next year the amount of funding that your institution receives through sponsored research agreements is likely to: Broken out by Annual Licensing and Patent Revenue 77](#_Toc401649589)

[Table 12.5 In your view over the nest year the amount of funding that your institution receives through sponsored research agreements is likely to: Broken out by Public or Private College 77](#_Toc401649590)

[The best prospects for sponsored research agreements are in which fields? 78](#_Toc401649591)

[Table 13 What percentage of your sponsored research agreements with private sector entities have been in the following fields over the past five years? 79](#_Toc401649592)

[Table 13.1.1 What percentage of your sponsored research agreements with private sector entities have been in Medicine/Healthcare field over the past five years? 79](#_Toc401649593)

[Table 13.1.2 What percentage of your sponsored research agreements with private sector entities have been in Medicine/Healthcare field over the past five years? Broken out by Full Time Equivalent Enrollment 79](#_Toc401649594)

[Table 13.1.3 What percentage of your sponsored research agreements with private sector entities have been in Medicine/Healthcare field over the past five years? Broken out by Major Area of Technology Specialization 79](#_Toc401649595)

[Table 13.1.4 What percentage of your sponsored research agreements with private sector entities have been in Medicine/Healthcare field over the past five years? Broken out by Annual Licensing and Patent Revenue 80](#_Toc401649596)

[Table 13.1.5 What percentage of your sponsored research agreements with private sector entities have been in Medicine/Healthcare field over the past five years? Broken out by Public or Private College 80](#_Toc401649597)

[Table 13.2.1 What percentage of your sponsored research agreements with private sector entities have been in Information Technology/Computing field over the past five years? 80](#_Toc401649598)

[Table 13.2.2 What percentage of your sponsored research agreements with private sector entities have been in Information Technology/Computing field over the past five years? Broken out by Full Time Equivalent Enrollment 80](#_Toc401649599)

[Table 13.2.3 What percentage of your sponsored research agreements with private sector entities have been in Information Technology/Computing field over the past five years? Broken out by Major Area of Technology Specialization 81](#_Toc401649600)

[Table 13.2.4 What percentage of your sponsored research agreements with private sector entities have been in Information Technology/Computing field over the past five years? Broken out by Annual Licensing and Patent Revenue 81](#_Toc401649601)

[Table 13.2.5 What percentage of your sponsored research agreements with private sector entities have been in Information Technology/Computing field over the past five years? Broken out by Public or Private College 81](#_Toc401649602)

[Table 13.3.1 What percentage of your sponsored research agreements with private sector entities have been in Chemicals/Materials field over the past five years? 81](#_Toc401649603)

[Table 13.3.2 What percentage of your sponsored research agreements with private sector entities have been in Chemicals/Materials field over the past five years? Broken out by Full Time Equivalent Enrollment 82](#_Toc401649604)

[Table 13.3.3 What percentage of your sponsored research agreements with private sector entities have been in Chemicals/Materials field over the past five years? Broken out by Major Area of Technology Specialization 82](#_Toc401649605)

[Table 13.3.4 What percentage of your sponsored research agreements with private sector entities have been in Chemicals/Materials field over the past five years? Broken out by Annual Licensing and Patent Revenue 82](#_Toc401649606)

[Table 13.3.5 What percentage of your sponsored research agreements with private sector entities have been in Chemicals/Materials field over the past five years? Broken out by Public or Private College 83](#_Toc401649607)

[Table 13.4.1 What percentage of your sponsored research agreements with private sector entities have been in Engineering field over the past five years? 83](#_Toc401649608)

[Table 13.4.2 What percentage of your sponsored research agreements with private sector entities have been in Engineering field over the past five years? Broken out by Full Time Equivalent Enrollment 83](#_Toc401649609)

[Table 13.4.3 What percentage of your sponsored research agreements with private sector entities have been in Engineering field over the past five years? Broken out by Major Area of Technology Specialization 83](#_Toc401649610)

[Table 13.4.4 What percentage of your sponsored research agreements with private sector entities have been in Engineering field over the past five years? Broken out by Annual Licensing and Patent Revenue 84](#_Toc401649611)

[Table 13.4.5 What percentage of your sponsored research agreements with private sector entities have been in Engineering field over the past five years? Broken out by Public or Private College 84](#_Toc401649612)

[Which faculties or departments at your institution are most involved with helping your organization to forge private sector research agreements? 85](#_Toc401649613)

[To what extent does the university encourage contact between its researchers and company personnel that might exploit new knowledge commercially after the conclusion of an industry sponsored research project? Does the college view this as an unnecessary intrusion or an attempt to extract value that is uncompensated? How far has the college gone in meeting industry interest in contact and discussion after the conclusion of a contract? 86](#_Toc401649614)

[Table 14.1 On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers? 87](#_Toc401649615)

[Table 14.2 On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers? Broken out by Full Time Equivalent Enrollment 87](#_Toc401649616)

[Table 14.3 On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers? Broken out by Major Area of Technology Specialization 88](#_Toc401649617)

[Table 14.4 On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers? Broken out by Annual Licensing and Patent Revenue 88](#_Toc401649618)

[Table 14.5 On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers? Broken out by Public or Private College 89](#_Toc401649619)

[Table 15.1 Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings? 90](#_Toc401649620)

[Table 15.2 Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings? Broken out by Full Time Equivalent Enrollment 90](#_Toc401649621)

[Table 15.3 Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings? Broken out by Major Area of Technology Specialization 90](#_Toc401649622)

[Table 15.4 Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings? Broken out by Annual Licensing and Patent Revenue 91](#_Toc401649623)

[Table 15.5 Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings? Broken out by Public or Private College 91](#_Toc401649624)

[Table 16.1 Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication? 92](#_Toc401649625)

[Table 16.2 Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication? Broken out by Full Time Equivalent Enrollment 92](#_Toc401649626)

[Table 16.3 Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication? Broken out by Major Area of Technology Specialization 92](#_Toc401649627)

[Table 16.4 Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication? Broken out by Annual Licensing and Patent Revenue 93](#_Toc401649628)

[Table 16.5 Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication? Broken out by Public or Private College 93](#_Toc401649629)

[Table 17.1 Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution? 94](#_Toc401649630)

[Table 17.2 Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution? Broken out by Full Time Equivalent Enrollment 94](#_Toc401649631)

[Table 17.3 Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution? Broken out by Major Area of Technology Specialization 94](#_Toc401649632)

[Table 17.4 Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution? Broken out by Annual Licensing and Patent Revenue 95](#_Toc401649633)

[Table 17.5 Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution? Broken out by Public or Private College 95](#_Toc401649634)

[What advice would you offer to your peers on ways to avoid disputes over the publication of research findings or over the timing of such publications? 96](#_Toc401649635)

[Table 18.1 In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity? 97](#_Toc401649636)

[Table 18.2 In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity? Broken out by Full Time Equivalent Enrollment 97](#_Toc401649637)

[Table 18.3 In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity? Broken out by Major Area of Technology Specialization 97](#_Toc401649638)

[Table 18.4 In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity? Broken out by Annual Licensing and Patent Revenue 98](#_Toc401649639)

[Table 18.5 In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity? Broken out by Public or Private College 98](#_Toc401649640)

**THE QUESTIONNAIRE**

**CHAPTER 1 – Participant Information**

1. Please enter your contact information

1. Name:
2. Organization:
3. Work Title
4. Department:
5. Country:
6. Email Address:
7. Full Time Equivalent Enrollment

If you serve only the medical school then put in medical school enrollment but if you serve an entire college put in all enrollment including undergraduate.

1. Major Area of Technology Specialization
2. Energy
3. Biology & Healthcare
4. Engineering
5. Software/Information
6. Automotive/Aerospace/Transport
7. Materials/Chemicals/Mining/Agriculture
8. Other (please specify)
9. Your office serves:
10. A specialized unit or college such as a medical school or engineering college
11. A major research university
12. A college or university with technology that can be licensed or sold but that is not a major research university
13. A hospital or other complex that is not connected to higher education
14. A government laboratory
15. Other (please specify)
16. The estimated annual technology & patent licensing revenues of your organization are approximately:
17. Less than $250,000
18. $250,000 to $1 Million
19. $1 Million+ to $5 Million
20. $5 Million+ to $15 Million
21. More than $15 Million
22. Public or Private College
23. Public College
24. Private College
25. Other

**Number and Dollar Volume of Sponsored Research Agreements with the Private Sector**

1. How many sponsored research agreements with private sector organizations has the college concluded in each of the following years:
2. 2012
3. 2013
4. 2014
5. What is the total volume of funding that your institution received from sponsored research agreements with private sector organizations in each of the following years:
6. 2012
7. 2013
8. 2014

**Multiple and Recurring Sponsors**

1. What percentage of your sponsored research agreements with the private sector over the past five years have involved multiple sponsors?
2. Approximately what percentage of the private sector entities that have a current sponsored research agreement with your institution have had such an arrangement with your institution previously?

**Institutional Organization**

1. Does your institution have an office of sponsored research?
2. Yes
3. No
4. Does the college have one or more individuals employed who are specifically dedicated to research partnerships with private sector entities?
5. Yes
6. No
7. Explain the institutional arrangements for individuals who concern themselves with research partnerships with private sector entities. Are they specialized in certain fields? Do they report to the office of technology transfer, to a research management office, or are they housed in their own department or office? Who is their boss?

**Negotiating Sponsored Research Agreements**

1. What is the average length of time it has taken to negotiate a sponsored research agreement with a partner or partners?
2. In general, in your sponsored research agreement, what percentage of the time does the college or the partner proposes the first contract draft or template? The two numbers should add to 100%.
3. The College or University
4. The Private Partner

**Advisory Boards and Industry Outreach**

1. Does the office of sponsored research, or other office that manages university-private sector partnerships, have an advisory board or council drawn from industry and established to advise the college?
2. Yes
3. No
4. If you have such a board or council please rate its level of importance to your efforts to establish mutually beneficial partnerships with the private sector?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Not really very useful | Only occasionally useful | Sometimes useful | Often useful | Critically Important |
| Importance for Making  Contacts with Industry |  |  |  |  |  |
| Usefulness in Drafting  Contracts |  |  |  |  |  |
| Usefulness in Advice for Managing Ongoing  Projects |  |  |  |  |  |
| Importance for key information useful in negotiations |  |  |  |  |  |

1. Describe your department's relationship with the alumni affairs office of your institution. Has it been useful in pursuing or arranging sponsored research agreements with private industry? If so how?

**Uses of Staff Time**

1. In each of the following areas, what has been the trend in the use of staff time at your organization for pursuing private sector research partnerships?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Spending far less time | Spending less time | Spending about the same amount of time as in the past | Spending more time than in the past | Spending much more time than in the past |
| Time spent blogging or using social media to promote sponsored research  agreements with industry |  |  |  |  |  |
| Time spent at conferences or seminars looking to promote sponsored research agreements with industry |  |  |  |  |  |
| Time spent seeking out contracts or agreements with private industry |  |  |  |  |  |
| Time spent in disputes with professors over rights to or shares of agreements with private industry |  |  |  |  |  |

1. How does the college go about promoting its openness to sponsored research agreements?

**Legal Costs in Sponsored Research Agreements**

1. You have been asked to speak at our fictional conference: Managing Disputes and Legal Costs in Sponsored Research Agreements with Private Industry. Please give us a one paragraph summary of your remarks.
2. Does your office have any kind of formal evaluation mechanism to assess the results in terms of beneficial contracts with private industry reached for a given level of staff time investment or spending? If so please describe.

**Outlook for the Future**

1. In your view over the next year the amount of funding that your institution receives through sponsored research agreements is likely to:
2. Fall back significantly
3. Decline modestly
4. Stay about the same
5. Increase
6. Increase Significantly
7. The best prospects for sponsored research agreements are in which fields?
8. What percentage of your sponsored research agreements with private sector entities have been in the following fields over the past five years?
9. Medicine/Healthcare
10. Information
11. Technology/Computing
12. Chemicals/Materials
13. Engineering

**Most Involved Faculties**

1. Which faculties or departments at your institution are most involved with helping your organization to forge private sector research agreements?

**Information Flow between Company Researchers and your Institution's Personnel**

1. To what extent does the university encourage contact between its researchers and company personnel that might exploit new knowledge commercially after the conclusion of an industry sponsored research project? Does the college view this as an unnecessary intrusion or an attempt to extract value that is uncompensated? How far has the college gone in meeting industry interest in contact and discussion after the conclusion of a contract?
2. On you sponsored research agreement how would you characterize the flow of information about key company goals and policies between industry sponsors and university researchers?
3. Very little communication between these two different worlds
4. Not very much as it is not the job or university researchers to know much about corporate strategy and goals
5. Usually a pretty good information flow as we strive to understand the corporate environment
6. Excellent as we make a determined effort to help the companies that sponsor our research

**CHAPTER 8 – Disputes**

1. Has the college ever had a dispute with a private sector partner who wished to alter or prevent publication of research findings?
2. Yes
3. No
4. Has the college delayed publication of research findings in order to allow a private sector partner to file a patent claim prior to publication?
5. Yes
6. No
7. Has a private sector partner ever tried to disassociate itself from a partnership, withdraw its name, impeded publication or otherwise tried to obstruct the scholarly distribution of research findings from a joint research venture with your institution?
8. Yes
9. No
10. What advice would you offer to your peers on ways to avoid disputes over the publication of research findings or over the timing of such publications?
11. In what percentage of your research partnerships with private sector entities has your organization as part of this arrangement signed some form of non-disclosure agreement with the private sector entity?

**PARTICIPANTS LIST**

Beth Israel Deaconess Medical Center

Bowdoin College

IPIRA at UC Berkeley

Loma Linda University

Missouri University of Science and Technology

National Institutes of Health

New Jersey Institute of Technology

Rochester Institute of Technology

Southern Illinois University Edwardsville

The Catholic University of America

UCLA

University of Guelph

University of Hawaii

University of Ottawa

University of Regina

University of Rochester

University of Vermont

University of West Florida

UT Austin