APPENDIX 1

SUCCESS STORIES

The MTI programme has produced many success stories. Notable examples are shown below:

"Led to the development of the Waitrose Centre [for Agriculture and the Environment] – a dedicated centre for industrial R & D for the food sector." (www.bbsrc.ac.uk/about/pub/business/04/business_july2004.pdf)

"The combination of the five Sensory Science modules (in the form of a postgraduate certificate) has allowed [the] University the opportunity to produce the first academic sensory science qualification in the UK. In addition, these modules have been successful as stand alone training for SME's who want to improve the understanding of sensory science as applied to product development, quality control and consumer behaviour. ... Due to the delivery method (4 day intensive modules) many major companies have included the Sensory Science modules as part of their training programme for new recruits."

"One outcome of the links with industry is the development of a summer school version of the certificate which it is hoped will be more attractive to industry than the current three year certificate structure...the modular programme has lead to increased research links, requests from industry for further training of specific individuals in specific techniques. [The MTI programme] also helped identify new student industrial placement opportunities"."

"Contacts with industry were established and strengthened and these led to others in the teaching team developing relationships with their industry contacts. I don't think many of these would have come about without the MTI project…The main benefit in terms of contacts/collaborations with industry was the development of new contacts for people running the Microarray lab and service in the school. A firm collaboration came about leading to a book contract for one of the team to develop new teaching material and texts."

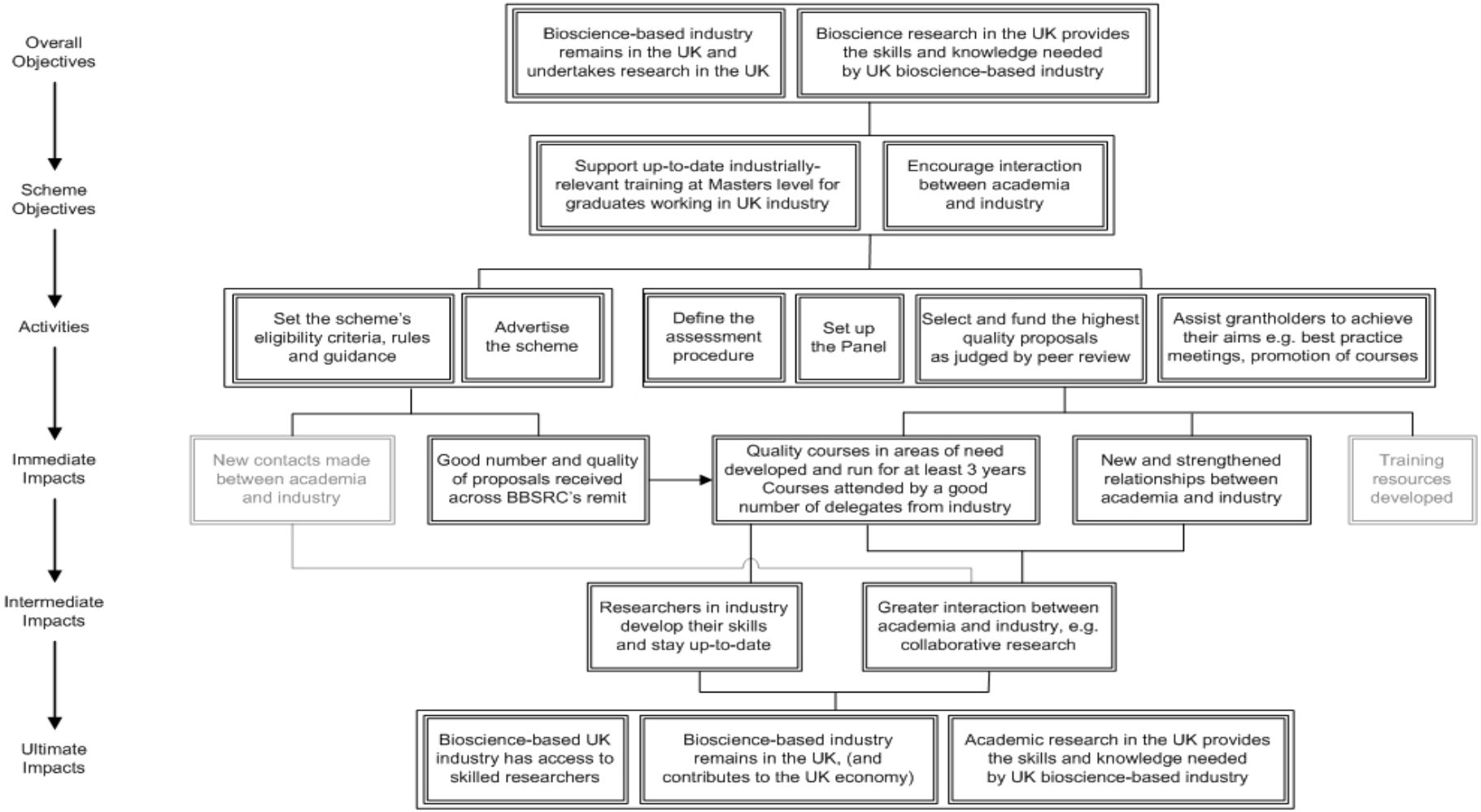
"This module has become one of the options in the M.Sc. course Food Production Management. We have major funding from the large food manufacturers Nestle and Masterfoods both of whom have sent delegates on this course."

"Following the success of the [MTI module] in Applied Toxicology … I wanted to develop a 'road show' and take training to Industry… a programme was developed that was Industry led and covered specific subjects that Industry wanted in order to train their staff in house. It has brought 2 universities together and has established a very successful training programme for a consortium of 6 industries (GSK, Unilever, Covance, Sequani, HLS, AstraZeneca)."

"I have been invited to visit two pharmaceutical companies that previously we had no contact with – in one instance to develop collaborative research, and in the other to discuss potential Ph.D. funding. The two modules are also likely to form the core of a module in the redesigned Royal College of Veterinary Surgeons Certificate in Laboratory Animal Science. The funding has allowed continued development of our other external training/educational materials as it provided significant support for our video-photographer/editor/web designer. We have subsequently received small commissions for anaesthesia and other video material as a result of the work carried out funded by BBSRC."

"It helped to raise our profile in the PET community and to highlight was research we are doing. This will undoubtedly have benefits in the future, through new collaborations and possible sources of funding."

BBSRC's Modular Training for Industry Scheme



All award holders since the inception of the scheme were invited to complete the same questionnaire:

Evaluation of BBSRC's Modular Training for Industry Scheme 2006

Survey of Award Holders

Name:
Institution:
Title of module(s):

Your application to the MTI scheme

1. What prompted you to apply to BBSRC's MTI scheme? (please tick one or more and comment if you wish)

Head of Dept/colleagues suggested I should apply	
I read about it: on the BBSRC website / in BBSRC Business magazine / in Research Fortnight / through Auril *(please delete as appropriate)*	
I heard about it at a presentation by BBSRC staff	
It was suggested to me by BBSRC staff	
Other (*please specify*)	

Comments:

2. How did you find the industrial partners for your application? (please tick one or more and comment if you wish)

Existing contact/collaboration	
We contacted them (*please specify how you first found out about them*)	
They contacted us	
Other *(please specify)*	

Comments:

3. How difficult was it to secure the industrial partners?

4 (very difficult)	**3**	**2**	**1** (easy)

Comments e.g. how could this be made easier?

4. To what extent was/were your application(s) restricted by the scheme's eligibility criteria? (please tick one and give details if relevant)

4 (not at all)	**3**	**2**	**1** (signifi cantly)

Comments:

5. To what extent were you constrained by this scheme being specific to BBSRC's scientific remit? (please tick one and give details if relevant)

4 (not at all)	**3**	**2**	**1** (significantly)

Comments:

6. Had the scheme not existed, what would have happened to the proposed module(s)? (please tick one or more and comment if you wish)

We would have applied for development funding elsewhere (*please specify)*	
We would have developed the course anyway	
Course development would have been delayed	
The course would not have been developed	
Other (*please specify*)	

Comments:

The module(s)

7. Please give details of any additional financial or in-kind support that you received for each module

Module	Source of funding	Value (£)	Was the funding released because you had received this award?

8. Course information. Please complete the following sections (one section for each module).

Module Title:

Is the module still running?

YES / NO

If YES, have you made any modifications to keep it up to date? No
If NO, please explain why not:

Please give information for each time the module has run:

Month/year							
No. delegates	Industry						
	Academic						
No. companies sending delegates							

If the above differs significantly from your business plan, please comment on why e.g. any problems you encountered

9. How useful was/were the business plan(s) that you developed for the proposal(s)?

4 (very)	**3**	**2**	**1** (not at all)

Comments e.g. how could it be made more useful?

Benefits of the scheme

10. Other than the support for developing the module(s), how has/have the MTI grant(s) been beneficial to you, your department and your institution? (please tick one or more and gives details)

Helped us to tailor the course to the needs of industry and thus to ensure good delegate numbers	
Established or strengthened **contacts** with industry (*please give details*)	
Established or strengthened **collaborations** with industry (*please give details*)	
Helped to promote my lab and/or the university/institute as a leader in the field	
Led to further MTI awards and hence the development of further modules	
The supported module(s) has/have became part of a full Masters course	
Encouraged the development of other professional development activities or technology transfer in my department/institution (*please give details*)	
Other (*please specify*)	

Comments/details:

11. If the grant(s) helped to establish or strengthen contacts or collaborations with industry, has this been beneficial to the lab and/or the university/institute?

Led to new funding/in-kind support from industry for our research (*please give details if possible)*	
Led to the fruitful exchange of ideas and expertise relating to our research	
Led to joint papers/intellectual property *(please give details if possible)*	
Provided an entry point for students e.g. visits to industry labs, student seminars from industry contacts	
Other (*please specify*)	

Comments/details:

12. Have you attended an MTI best practice meeting? (these are half-day meetings organised by BBSRC for award holders to exchange experience and best practice)

YES / NO

If YES, how useful was the meeting? Do you have any thoughts on how these meetings could be made more useful?

If NO we would be interested to know why (these meetings are not compulsory!)

13. How useful would further networking and exchange of experience between award holders be?

4 (very)	**3**	**2**	**1** (not particularly)

Comments:

Do you have any thoughts on how this could be promoted?

The MTI scheme

The remaining questions cover the MTI scheme in general. Please be honest! If you wish your comments to remain anonymous to the scheme administrators, please tick here

14. Do you think BBSRC should have an MTI scheme? YES / NO

Comments:

15. Would you encourage fellow academics to apply for MTI funding for developing a module/training course relevant to industry?

YES / NO

Comments:

16. What are the strengths and weaknesses of the scheme? Do you have any thoughts on how it could be improved?

17. Do you have any comments on BBSRC's grant administration/assessment processes for MTI grants, including the number and timing of calls for the scheme? (currently twice a year)

18. Have you used the MTI section of BBSRC's website? If so, how useful was it? (e.g. guidance notes, information on modules supported). How could it be improved?
    www.bbsrc.ac.uk/business/cpd/modular.html

19. Do you know of/participate in any similar schemes run by other funding bodies? If so, please give brief details

20. Do you have any other comments relevant to this evaluation?

Thank you, your contribution is much appreciated.

APPENDIX 4

Evaluation of BBSRC's Modular Training for Industry Scheme 2006

Survey of Assessment Panel members

Name:

1. Do you think BBSRC should have an MTI scheme? YES / NO

   Please explain why:

2. The MTI scheme aims *'to support up-to-date industrially-relevant training at the Masters level for graduates working in UK industry'*. To what extent is the scheme currently meeting this aim? (please tick one and comment if you wish)

4 (very well)	**3**	**2**	**1** (not at all well)

   Comments:

3. What are the strengths and weaknesses of the scheme? Do you have any thoughts on how it could be improved?

4. The table below summarises the numbers of applicants and institutions supported in recent years. Do you have any comments on this data? E.g. the proportion of award holders who have had multiple awards

Year grant awarded	**98**	**99**	**00**	**01**	**Sub-total**	**02**	**03**	**04**	**05 (a)**	**Sub-total**	**Grand total**
No. modules											
No. award holders											
No. institutions											

Comments:

5. Do you have any comments on the range and balance of sectors supported through MTI over the past few years, and how this relates to training needs in UK bioscience-based industry?

6. Do you have any thoughts on how the best practice meetings could be made more useful?

7. Would further networking and exchange of experience between award holders be useful? Do you have any thoughts on how this could be promoted?

4 (very useful)	**3**	**2**	**1** (not a priority)

Comments:

8. Do you have any comments on BBSRC's grant administration/assessment processes for MTI grants?

9. Do you have any comments on the Panel meetings and how they are run? (both virtual and face-to-face meetings)

10. The MTI scheme allows the resubmission of applications. Do you have any comments on whether or not this is helpful, and lessons that could be learned?

11. Do you know of any similar schemes run by other funding bodies? If so, please give brief details

12. Do you have any other comments relevant to this evaluation?

Thank you, your contribution is much appreciated.

APPENDIX 5

LISTS OF MODULES EVALUATED

Modules funded and running before 2005 for which questionnaires were returned.

1. Contemporary Techniques in Plant Growth Regulation
2. Contemporary Techniques in Plant Water Relations
3. Microbiological Hazards and Prevention in Primary Production
4. Pesticide Safety and Integrated Pest Management
5. Biotechnology
6. Genomics
7. Proteomics and Transcriptomic
8. Online Learning in Quantitative Techniques
9. Applied Rheology of Food
10. Principles of Materials Science & Fracture Mechanics and their Applications in Measuring Food Texture
11. Baking Science and Technology
12. Cereals – the raw materials
13. Cereals Chemistry
14. How to Produce Your Own Microsatellite Markers
15. Design and Analysis of Toxicological Studies
16. Techniques in Experimental Toxicology
17. Experimental Design
18. Gene Targeted Animals and Psychopharmacology
19. Neural Imaging
20. Pharmacokinetics in Experimental Psychopharmacology
21. Scientific Validation Experiment
22. Experiments Combining Neurobiology and Behaviour
23. Statistics and Experimental Design
24. Microarray Technology
25. Fundamentals of Hydrocolloid Technology
26. Structure, Properties and Functions of Hydrocolloids
27. Technologies in Stem Cell Biology
28. Lesion, Repair, and Mutations
29. Mutations and Human Health
30. Testing Methods in Genetic Toxicology
31. Haematolgy and Human Health
32. Inhalation Toxicology
33. Quality Assessment and Food Safety
34. Rapid Detection and Identification of Industrially Relevant Pathogens
35. Traditional and Emerging Food-Borne Pathogens
36. 3D Human Vision for Human Computer Interaction
37. Chemical Engineering
38. Malting and Brewing I
39. Malting and Brewing II
40. Panel Training, Management and Test Execution
41. Psychophysics, Perception and Physiology
42. Sensory Analysis – Statistics and Software
43. Consumer Studies and Market Research
44. Sensory Science: Practical Module
45. Sensory Science: Foundation Level
46. Advanced Training in Toxicology
47. Ontologies for the Biosciences
48. Active Touch
49. Posture and Balance
50. Algorithms and Sequence Alignments

51. Functional and Comparative Genomics
52. Micro-arrays

New modules funded in 2005 for which questionnaires were returned

1. Brewing Yeast management principals and practise
2. Chemometrics for Metabolomics
3. Laboratory Animal Anaesthesia
4. Laboratory Animal Analgesia and Peri-operative Care
5. Making Bioremediation Work for the Client
6. Positron Emission Tomography: Technology and application
7. Principles of Genetic Improvement
8. Proteomic Bioinformatics
9. Putting Technology into Practice
10. Sensory and Instrumental Analysis of beer
11. Turning Bioremediation into Business