



UNIVERSITY OF
CAMBRIDGE

Strategies for engagement of teachers in reflection on teaching practice

Frances Tracy



Plant Sciences
Pedagogy Project



Teaching
for Learning
NETWORK



Teaching
for Learning
N E T W O R K

*"A network supporting evidence informed
practice for enhancement of student teaching
and learning"*

www.tfln.org

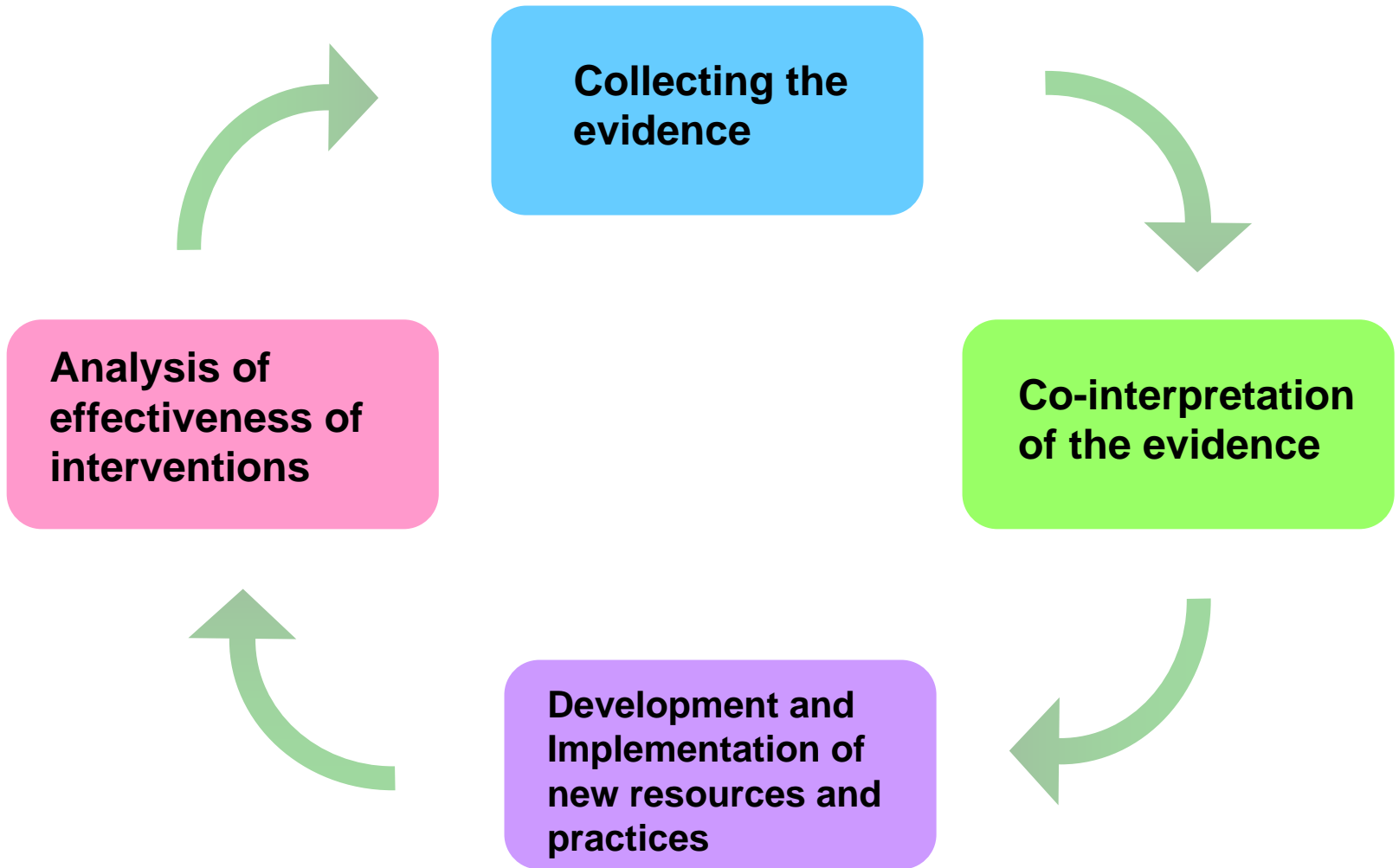
Plant Sciences Pedagogy project Aims

To develop learning approaches and resources to enhance the effectiveness of small group teaching in second year Plant and Microbial Sciences:

- Improve learning outcomes
- Engage students better
- Enhance recruitment and retention of students



An evidence based approach:



Collecting the evidence

Literature Review

- Sharing learning objectives
- Authentic learning
- Contingent teaching
- Self regulation and independence
- Supporting peer and self assessment

P-V Questionnaire

- Highlights potential areas for changes in practice and potential interventions

Student Focus Groups

- Where a small group of students is led in a discussion to identify and evaluate learning practices

Tutor Interviews


- Semi-structured interviews about tutor experience of small group teaching

tfln@caret.cam.ac.uk

CamTools : Teaching for Learning Network : Resources

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






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Dr W.P. Carmichael

Resources

Location:  [Teaching for Learning Network Resources](#) / [20 The Tools](#) 

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Practitioner Co-interpretation

Researchers as brokers

- Embedded researchers can act as brokers between specific disciplines, educational researchers and information technologists

Practitioner interviews

- All tutors given personal attention
- Given opportunity to explain their experiences
- Interview situation enables further questioning on interesting issues

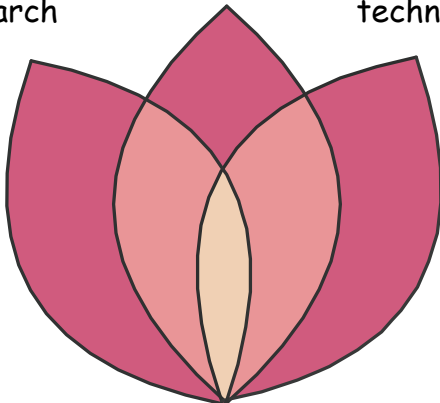
Departmental seminars

- The whole department is given an overview of research aims, methods, and findings
- New resources can be advertised
- All departmental members have opportunity to ask questions

Key issues workshop

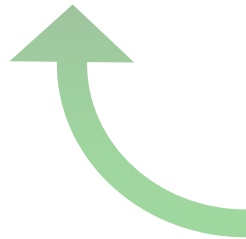
- Evidence base summarised to a number of key issues
- Solutions to these issues discussed and recorded
- Workshop followed up with summary of discussion and future research plans

Educational research Plant Science Information technology



Completing the cycle

**Analysis of
effectiveness of
interventions**



**Development and
Implementation of
new resources and
practices**

TfLN Event

- Tuesday 23rd October from 5 - 7-30pm in the Fisher Building, St John's College, Cambridge.
 - A short presentation by members of TfLN
 - Keynote address by Professor Mary James of the Faculty of Culture and Pedagogy at the Institute of Education
 - Drinks reception and poster display of the work of TfLN
- <http://www.cambridge-mit.org/events/article/default.aspx?objid=2251>

Acknowledgements



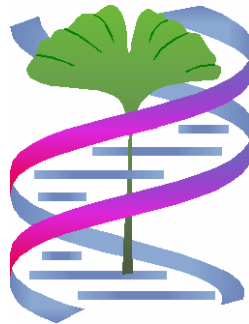
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Staff and students



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Helen Burchmore

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