



Catalysing change in the curriculum: The vision and practice of InterNICHE

Nick Jukes



Introduction



Animal welfare education: learning about animal welfare

‘Lessons’ about animal welfare provided by use of animals in education

- > Animal welfare education is supported by humane alternatives but negated by harmful animal use**

Types of alternatives



Film and video

Clinical work with patients

Models, mannekins and simulators

Student self-experimentation

Multimedia computer simulation

In vitro labs

**Ethically sourced animal cadavers
& tissue**

Field studies



Types of alternatives



Film and video



Types of alternatives



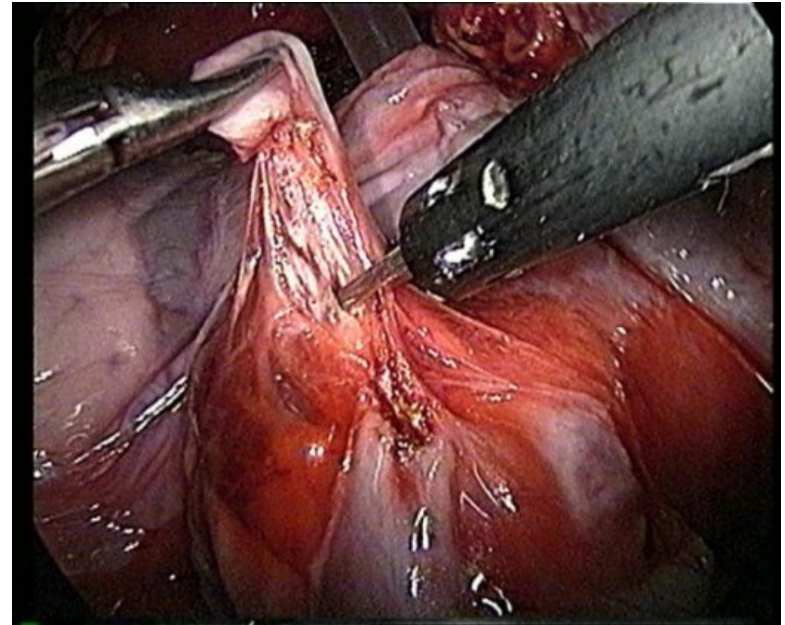
Models, mannekins and simulators



Types of alternatives



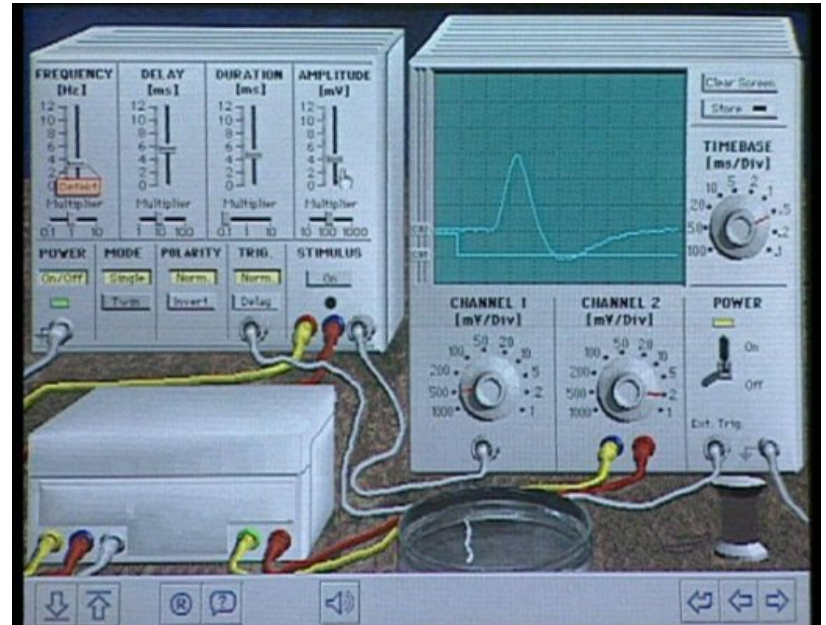
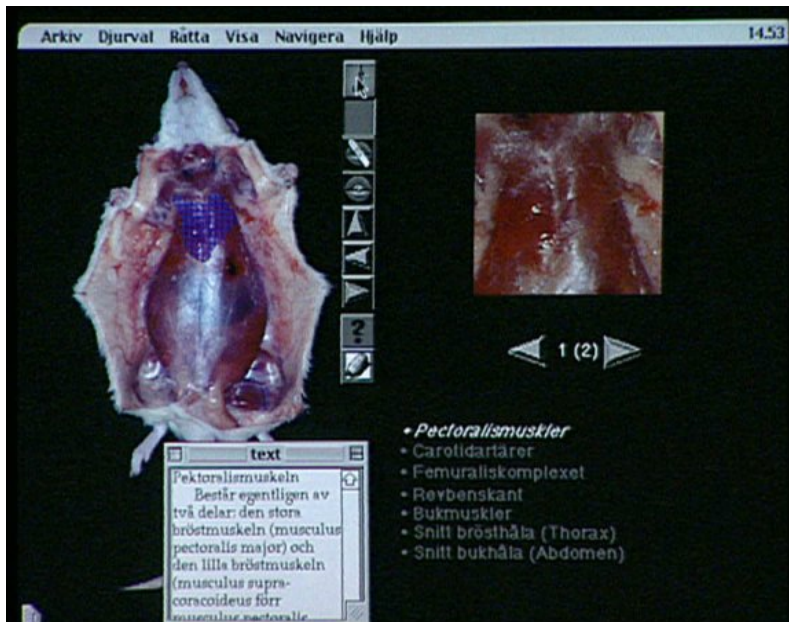
Models, mannekins and simulators



Types of alternatives



Multimedia computer simulation



Types of alternatives



Multimedia computer simulation



Types of alternatives



Multimedia computer simulation



Types of alternatives



Ethically sourced animal cadavers & tissue



Types of alternatives



Clinical work with patients



Types of alternatives



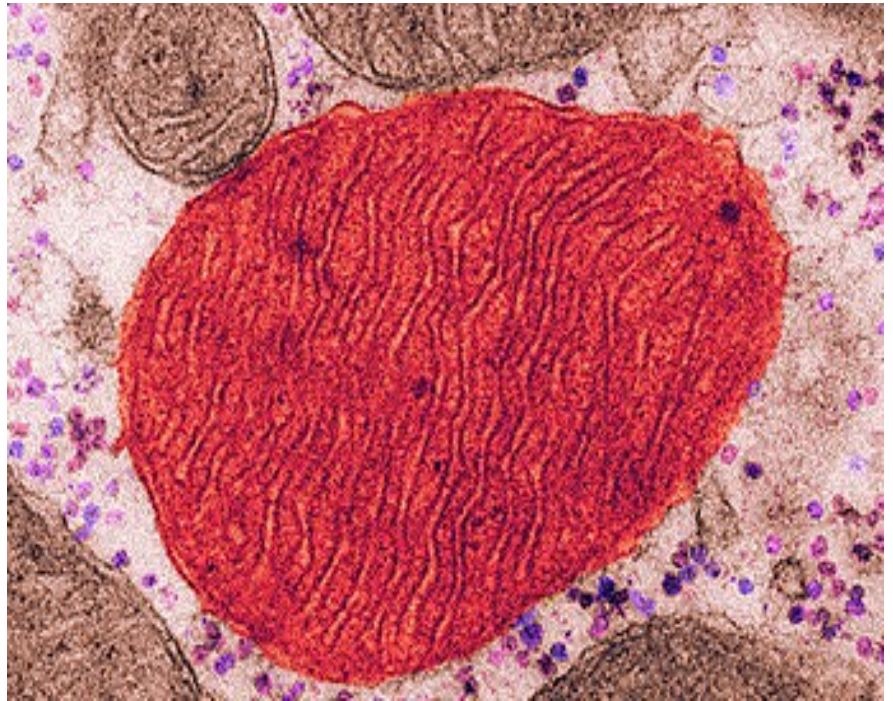
Student self-experimentation



Types of alternatives



In vitro labs



Types of alternatives



Field studies



The clinic as an alternative approach



Replacement for animal experiments in clinical skills and surgery

Better training: more realistic, less contrived

Healing not harming



Care as a clinical skill



Essential skill for veterinarians and doctors

More accurate diagnosis and better treatment

Alternative tools and approaches validate and support the acquisition of this skill



The hidden curriculum



Implicit lessons and messages, often negative

**Teaching ‘acceptability’ of instrumental use of animals,
disrespect for life, and desensitisation**

Alternatives can obviate the hidden curriculum

Published studies



**Baillie S, Crossan A, Brewster S, May S, Mellor D.
Evaluating an Automated Haptic Simulator Designed for
Veterinary Students to Learn Bovine Rectal Palpation. In
press: Simulation in Healthcare (2010).**

**Kinnison, T., Forrest, N.D., Freat, S.P., Baillie, S.
Teaching Bovine Abdominal Anatomy: Use of a Haptic
Simulator. Anatomical Sciences Education (2009), 2(6): 280-5.**



InterNICHE: Origins and evolution



Founded 1988 by conscientious objectors, anti-vivisectionists and animal welfare researchers

Significant voluntary input and resourcefulness

Success demonstrated through replacement achieved and network growth



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Realising the vision of full replacement



Transcending the idealism / realism binary

Humane education and full replacement as common sense and achievable

Specific focus but awareness of broader impact



Creating sustainable change



Multi-local initiatives

Solidarity and partnership

Inclusivity and empowerment



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Provision of resources, support and training



Information resources

Alternative Loan Systems

Humane Education Award and freeware

Support for conscientious objectors

Website: www.interniche.org

Conferences, outreach tours and training



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Provision of resources, support and training

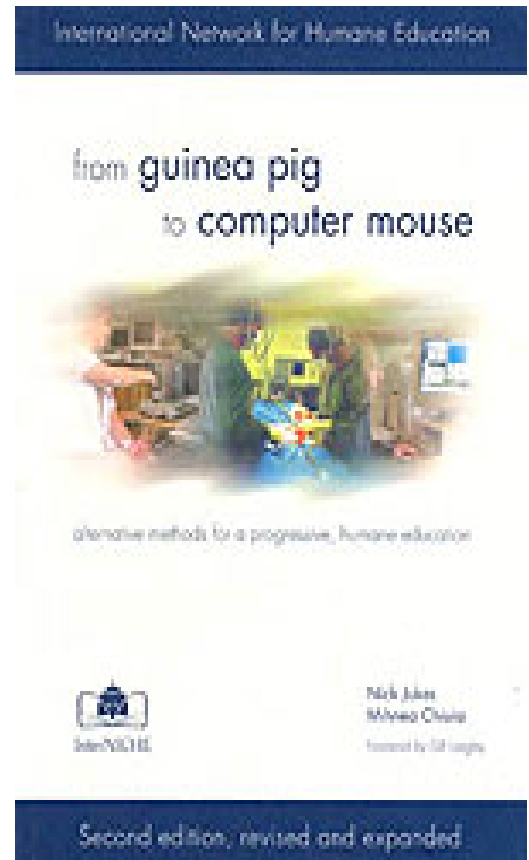


Information resources

Background & case studies

Database of alternatives

Multi-language



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Provision of resources, support and training



Alternative Loan Systems

9 libraries of alternatives worldwide

Loans & exhibitions

Point of access to alternatives



Provision of resources, support and training



Humane Education Award and freeware

20,000 Euro grant program

Development of new alternatives
& purchase of existing products

Supports humane education
initiatives internationally



Catalysing change in the curriculum: The vision and practice of InterNICHE

Provision of resources, support and training



Support for conscientious objectors

Students as catalysts for change

**Ethical commitment, critical thinking
& sensitivity**

Future leaders



Catalysing change in the curriculum: The vision and practice of InterNICHE

Provision of resources, support and training

Website: www.interniche.org



Information and other resources

Multi-language

New interactive site under development



Home

InterNICHE is the International Network for Humane Education

We aim for a high quality, fully humane education in biological science, veterinary and human medicine. We support progressive science teaching and the replacement of animal experiments by working with teachers to introduce alternatives, and with students to support freedom of conscience.

- [More about InterNICHE and Humane Education](#)
- [Policy on the Use of Animals and Alternatives](#)
- [Criticism of Harmful Animal Use](#)

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News

Last updated 6 August, 2010

Latin American Conference on Humane Education and Alternatives: Overview, Progress and Challenges

Major alternatives conference being held in Lima, Peru, 12-14 August 2010

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Catalysing change in the curriculum: The vision and practice of InterNICHE

Provision of resources, support and training



Conferences, outreach tours and training

Conferences and seminars

National and international outreach

Multimedia exhibitions and training in alternatives



Evolving structure



On-going growth and decentralisation balanced with centralised responsibilities

New roles and resources

**> establishment of role of Partners, Core Group,
new Alternative Loan Systems**

Conclusion



The use of replacement alternatives is a requirement for effective and consistent animal welfare education

Together they support the evolution of a new generation of humane professionals and citizens

Acknowledgements



The InterNICHE network of National Contacts, Partners and other collaborators

The InterNICHE sponsors and supporters for their invaluable input

> www.interniche.org



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Thank you for listening



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