



EDUCATIONAL VIDEOTAPES

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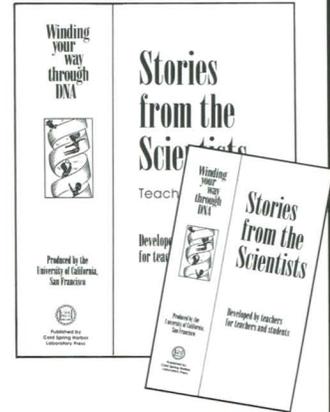
Stories from the Scientists

Produced by the University of California, San Francisco
Valli T. McDougale, Project Director and Executive Producer

The creators of *Winding Your Way Through DNA* return with a documentary that tells the story of two of the most famous partnerships in biology. Francis Crick and James Watson describe the events that led to the discovery of the structure of DNA, and Herbert Boyer and Stanley Cohen recall their development of methods for combining DNA molecules and cloning genes. The narrative weaves together interviews, animation, re-enactment, and historical footage to illustrate the participants' scientific achievements, their personalities, and their individual approaches to the challenge of discovery.

This 30-minute videotape, created with active assistance from professional educators, is intended for college and high school biology classes and public education programs. It is accompanied by a 32-page, illustrated Teacher's Guide that expands on the contents of the tape and provides activities, handouts, and other resources that can be used in the classroom.

1994, 30-minute video and teacher's guide \$50 VHS: ISBN 0-87969-461-0 PAL: ISBN 0-87969-462-9
Additional copies of teacher's guide \$8 each, ISBN 0-87969-463-7

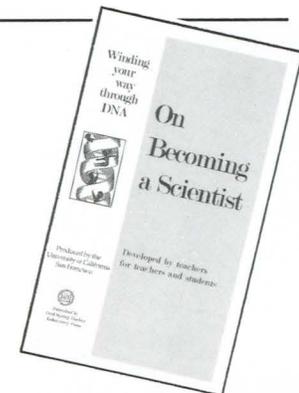


On Becoming a Scientist

Produced by the University of California, San Francisco
Valli T. McDougale, Project Director and Executive Producer

On Becoming a Scientist is a fast-paced "MTV-style" video showing a "day in the life" of three graduate students and a laboratory manager. These young scientists are followed as they work in their laboratories, take part in UCSF programs for public school children and the homeless, and socialize. Through interviews with scientists and students, viewers learn what attracts scientists to science, what it takes to become a scientist and what impact their work has on our world. The goal is to dispel stereotypes — to show scientists as people who lead interesting lives and are approachable and accessible, and to provide role models for women and minorities notably underrepresented in science. This video can be used in biology classes, in school career centers, or to prepare for visiting a local laboratory. Scientists also can use it when meeting with students and members of the public.

1996, 19-minute video and teacher's guide \$70
VHS: ISBN 0-87969-486-6 PAL: ISBN 0-87969-487-4



Promise & Perils of Biotechnology Genetic Testing

Produced by the University of California, San Francisco
Valli T. McDougale, Project Director and Executive Producer

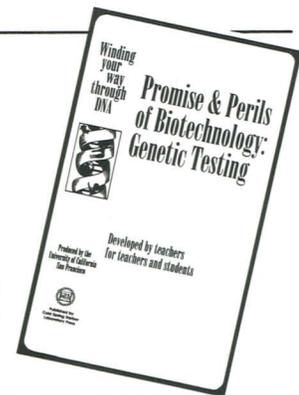
Genetic tests are becoming more prevalent but it is far from clear how test results impact upon the individuals affected, their families and the social structure they depend on.

This moving documentary profiles three such people: a young woman with a family history of Huntington disease who decides to be tested, and a woman and her young daughter who have changed their lifestyles to counteract familial hypercholesterolemia. The video captures their struggle with the reality of their conditions, and the ethical, legal and social dilemmas that confront them.

The video is accompanied by a 32-page teacher's guide that complements and expands upon the ethical issues addressed in the video, and includes background information about genetic disorders, related education/support organizations, student activities, a glossary and a reference list.

Ideal for classes in human genetics at all levels.

1996, 25-minute video and teacher's guide \$70
VHS: ISBN 0-87969-493-9 PAL: ISBN 0-87969-494-7



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GENOME RESEARCH

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COVER Transcriptional map of the incontinentia pigmenti (IP2) candidate region. (For details, see Rogner et al., p. 922.)