

Research Interests

PARTICIPANTS' AREAS OF RESEARCH AND TECHNICAL WORK

*	Committee Member
**	Speaker

*Annelise Barron***, *Stanford University*



We design and synthesize novel polymers and oligomers for applications in biotechnology. In particular, we are designing thermally-responsive polymers that will enable efficient miniaturized genetic analyses on electrophoresis microchips. Another focus is the design and synthesis of sequence-specific "polypeptoids," a unique class of peptidomimetics with exciting potential as novel biomaterials.