

## Chemistry

Contract	Term	Course	Contract Title	Contract Description
334098	Spring 2017	CHEM 3142	DNA Fingerprinting Educational Video	The contract will consist of four students collaborating to create an educational video on the biochemical methodology used in paternity testing in order to expand the student's understanding of common lab practices and how they apply to lecture material. Topics may include DNA fingerprinting, lab techniques, lab safety, introns/exons, DNA analysis methods, DNA genotyping, eukaryotic gene expression, and green fluorescent proteins.
335102	Spring 2017	CHEM 3142	The Biochemical Methodology behind Paternity Testing	The contract will consist of four students collaborating to create an educational video on the biochemical methodology used in paternity testing in order to expand the student's understanding of common lab practices and how they apply to lecture material. Topics may include DNA fingerprinting, lab techniques, lab safety, introns/exons, DNA analysis methods, DNA genotyping, eukaryotic gene expression, and green fluorescent proteins.
335113	Spring 2017	CHEM 3142	DNA Fingerprinting	The contract will consist of four students collaborating to create an educational video on the biochemical methodology used in paternity testing in order to expand the student's understanding of common lab practices and how they apply to lecture material. Topics may include DNA fingerprinting, lab techniques, lab safety, introns/exons, DNA analysis methods, DNA genotyping, eukaryotic gene expression, and green fluorescent proteins.
335097	Spring 2017	CHEM 5555U	Creation of Gel Permeation Chromatography Manual	The Chemistry department at Columbus State University has a GPC (gel permeation chromatography) instrument that lacks a manual explaining its operation and use. The goal of this contract is to write a comprehensive manual for the GPC detailing operation, analysis, and common instrumental problems and their solutions.