

Examples of Items - Chemistry Career Choice (C3) Perceptions Questionnaire

Factor and examples of items	1 Don't agree at all	2	3	4	5 Strongly agree
<p>Factor 1 Theme – Personal Self-efficacy – scientific/chemistry learning</p> <ul style="list-style-type: none"> • I have the ability to understand research processes in chemistry • I have the ability to conduct a successful career in the chemistry domain • I have the ability to read and understand scientific articles • I have the ability to follow and understand scientific innovations 					
<p>Factor 2 Theme – Personal Self-efficacy – task oriented</p> <ul style="list-style-type: none"> • I have the ability to handle challenging tasks in my job • I have the ability to critically evaluate information and propose a course of action • I have the ability to meet deadlines 					
<p>Factor 3 Theme – Personal Self-efficacy – confidence in one's career</p> <ul style="list-style-type: none"> • I lack self-confidence in my potential for achieving my chosen occupation • I am not sure about my ability to balance my future career and family • I have tensions regarding my ability to pursue a career in chemistry 					

<p>Factor 4 Theme – Environmental Extrinsic motivation – rewards/status/prestige</p>	<ul style="list-style-type: none"> • There is no financial compensation in a chemistry career • My job allows me an adequate salary • Working in chemistry allows high social status 					
<p>Factor 5 Theme – Environmental Influence of teachers/lecturers</p>	<ul style="list-style-type: none"> • My teacher/lecturer was interested in my progress in chemistry • My teacher/lecturer have made me feel that I have the ability to continue in science • My teacher/lecturer encouraged me to read advanced chemistry articles 					
<p>Factor 6 Theme – Environmental Family and friends</p>	<ul style="list-style-type: none"> • I am interested in a job that will consider my family status • I have a lot of time to spend with my family and my kids • I am encouraged by people surrounding me to continue to study chemistry 					