2022 VisChem Institute Application

Tell us who you are.	
First Name	
Last Name	
Preferred Honorific (Ms., Mr., Mx., Dr., etc.)	
What pronouns should we	use for you?
What pronouns should we	use for you?
8	use for you?
O She/Her	use for you?

What school do you tea	ach at primarily?	
	able to identify your	ut your school from the NCES database, so it r school by either an accurate address or by
You can look up your s	chool's NCES Schoo	ol ID or legal address <u>here</u> .
As a reminder, currently at public US high school		ute is only accepting applications from teacher
School Name		
School Street Address		
City		
State		
Zip Code		
NCES School ID		
As of the start of the 20 completed?	121-22 school year, h	now many years of teaching had you

	mary teaching discipline.
0	Chemistry
0	Physics
0	Biology
0	Earth Science
0	Other (please state)

Introductory/General Chemistry	0	
Honors/Advanced (Non-AP)		
Chemistry (Taken as a second year of chemistry for general	0	
students or as a first year for advanced students)		
AP Chemistry	0	
IB Chemistry	0	
Dual-Enrollment/College Credit (non-AP) Chemistry	0	
Non-College Preparatory or Remedial Chemistry	0	
Physical Science	0	
Biological sciences with chemistry focus	0	
Other Chemistry-related		
courses not listed (Please list course and approx. # of	0	

How of What	does a typical unit, lesson, or cluster of lessons consist of for your students? do students learn new content? kinds and frequency of assessment do you employ? other features of your teaching make you an effective instructor?
	racter Limit, ~500 words)
on density,	ne following hypothetical scenario: You have just completed an instructional uni and your assessment results show that a majority of students did not perform would you proceed? racter Limit, ~250 words)
(1000 Cha	
(1000 Cha	
(1000 Cha	

Please rate the FREQUENCY OF USE and your COMFORT WITH incorporating the following into your lessons and assessments regarding molecular level phenomena.

	Frequency of Use			Comfort			
	Never	Rarely, most units do not include this	Sometimes, many units include this	Frequently, most units include this	Not Comfortable	Somewhat Comfortable	Very Comfortable
Static, hand-drawn or other non- digitally generated visualizations	0	0	0	0	0	0	0
Static, digitally generated visualizations (e.g., textbook images)	0	0	0	0	0	0	0
Dynamic/interactive, non-digitally created visualizations (e.g., molecular model kits)	0	0	0	0	0	0	0
Dynamic, non- interactive, digitally created visualizations (e.g., VisChem animations)	0	0	0	0	0	0	0
Interactive, digitally created visualizations/activities (e.g., PhET simulations)	0	0	0	0	0	0	0

Describe who		e VisChem	Institute.	

Participation in the VisChem Institute requires pre-work including you taking an online survey and you administering it to your students. A high response rate is critical to serve the learning goals for teachers at the Institute. The student data are de-identitifed and will not be used for research purposes; therefore, no informed consent from parents is required. The survey should take students about 30 minutes.

O I agree to complete the pre-work if selected.

I do not agree to complete the pre-work if selected.

The VisChem Institute is a work-intensive professional development that includes evening readings and homework as well as a few social gatherings during your stay at Miami University. We recognize that the workload (and time-on-task) is markedly different from most professional development offerings. Although the workload improves the efficacy and efficiency of the 4-day PD and subsequent learning outcomes for teachers, we do not wish to overlook sharing this feature of the VisChem Institute with our applicants.

O I understand the high expectations of me and am ready for an intensive learning experience at the VisChem Institute if selected to participate.

O I do not wish to engage with the high expectations of the VisChem institute and wish to

withdraw my application from consideration.