



New Jersey Center for Teaching and Learning (CTL)

2015 Alumni Survey Results

This report summarizes the results of CTL's 2015 Teacher Endorsement Alumni Survey. CTL conducted this survey to determine the status of the 173 teachers (141 physics and 32 in chemistry) who completed CTL's physics or chemistry endorsement program from 2010 to 2014.

Responses were received from 109 teachers –a response rate of 63%.

Demographics

The respondents represent a near equal mix of females and males (females – 48%; males – 52%).

While the majority of the respondents reported their ethnicity as Caucasian (61%). Other ethnic groups are represented as follows: Black or African American (19%), Asian (8%) Hispanic (7%), and American Indian/Alaskan Native or other (7%).

Current Assignment

Ninety-two percent of the respondents reported that they continue to work in a school district and 93% of those who continue to work in a school are teaching.

When asked what subjects teachers were assigned to teach this past year, the predominant response was physics (61%) or chemistry (18%). Other STEM subjects taught by these teacher include biology (15%), high school math (15%), other high school science (8%), environmental science (7%), and middle school science (5%). An additional 16% reported that they are teaching other subjects, not in a STEM content area.

Physics Graduates

Ninety-five respondents to the survey (87%) participated in the physics endorsement program. These 95 respondents represent 67% of the 141 graduates of CTL's physics endorsement program since the program began in 2009.

Sixty five (65%) percent of the physics respondents received a physics endorsement after completing the program. Thirty-five (35%) percent did not receive a physics endorsement either because they did not pass the praxis, or were already certified to teach physics through a physical science certification, a

physics certification they had prior to participating in the endorsement program, or a middle school science certification.

Eighty-one (81%) of the physics respondents took the physics praxis after completing the CTL physics endorsement program. Of the 77 who took the exam, eighty-four (84%) percent passed the physics Praxis. Thirty two (32%) percent who passed the exam took the exam more than once.

Chemistry Graduates

Only 18 respondents participated in the chemistry endorsement program (17%). These respondents represent 56% of all graduates of CTL's chemistry endorsement program.

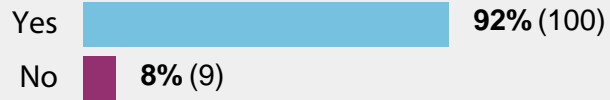
Sixty-three (63%) percent of the 18 respondents received a chemistry endorsement after completing the program. The predominant reason why they did not receive a chemistry endorsement was that were already certified to teach chemistry through a physical science certification.

Of the 11 respondents who took the chemistry praxis exam after taking the CTL chemistry endorsement program – 10 passed the exam. Only two respondents took the chemistry praxis exam twice.

General Science

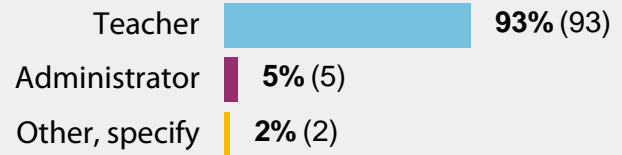
Only 39% of respondents took the General Science Praxis exam – and 90% of these respondents passed this exam. Only 10% took the exam twice. The majority of respondents who did not take the general science praxis indicated that they had already passed the exam as part of a requirement for a prior certification.

Are you currently working in a school district?



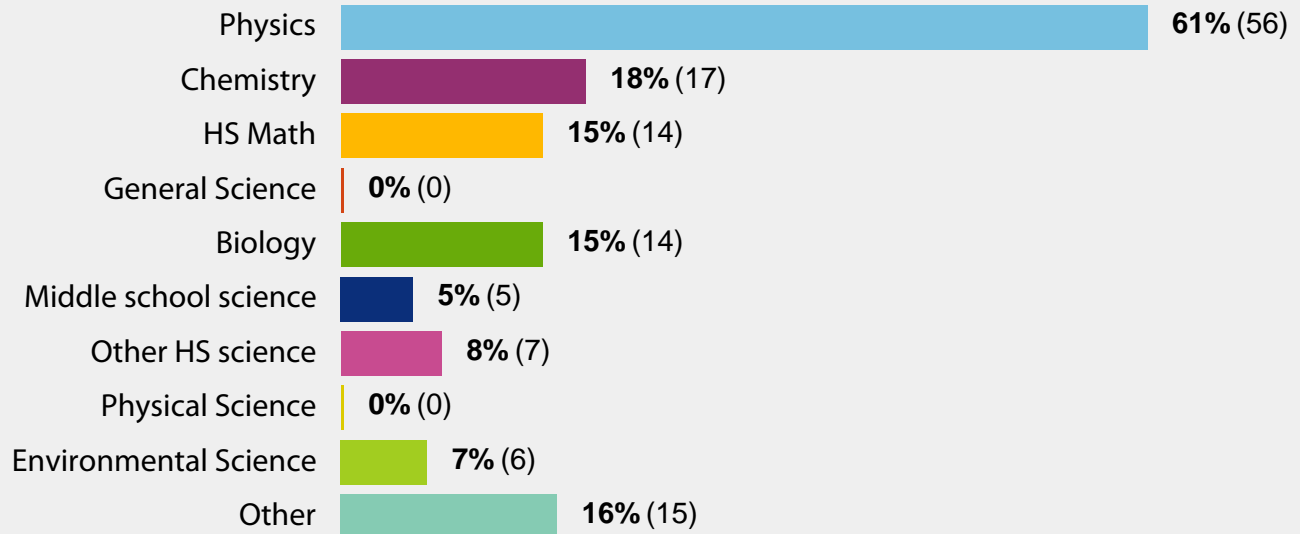
* 109 total responses, 100% of submissions

If working in a school, what position?



* 100 total responses, 92% of submissions

If you are currently teaching, what subjects?



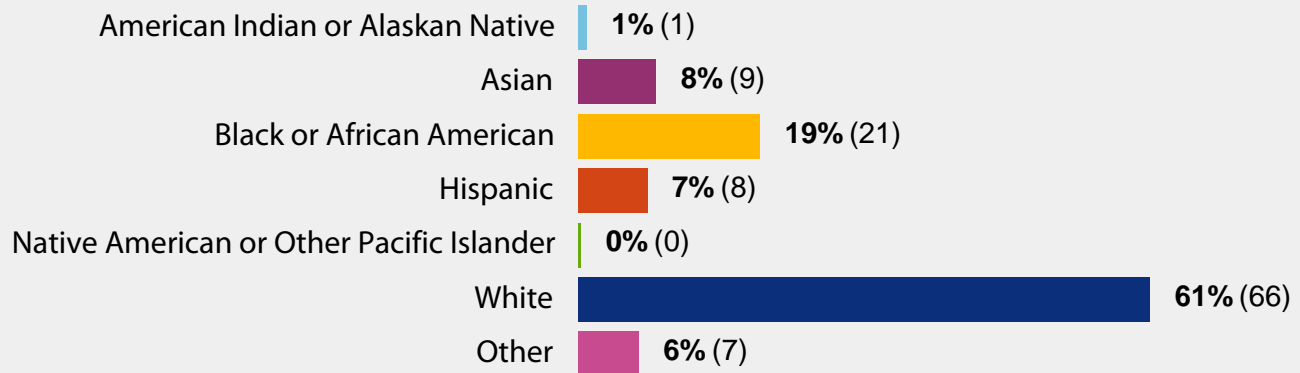
* 92 total responses, 84% of submissions

Gender



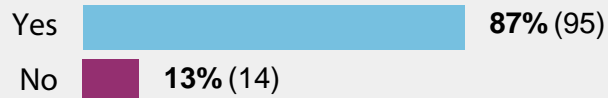
* 109 total responses, 100% of submissions

Ethnicity(Check all that apply)



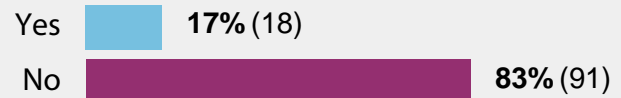
* 109 total responses, 100% of submissions

Are you a graduate of the CTL Physics Endorsement program? Course(s)



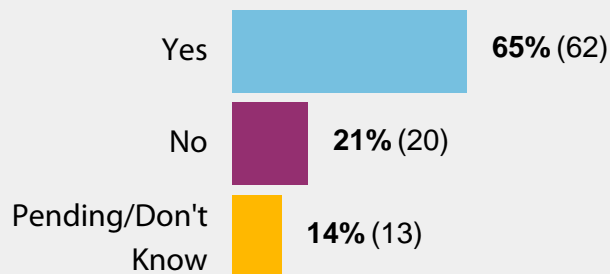
* 109 total responses, 100% of submissions

Are you a graduate of the CTL Chemistry Endorsement program?



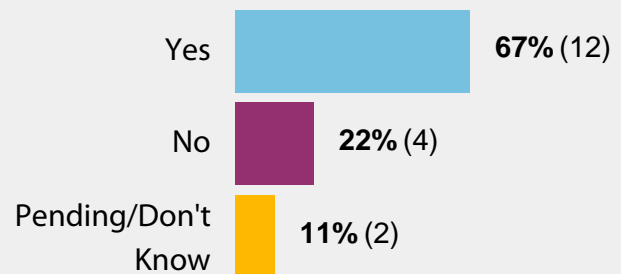
* 109 total responses, 100% of submissions

Did you receive a Physics endorsement from the state after completing the CTL Physics endorsement course?



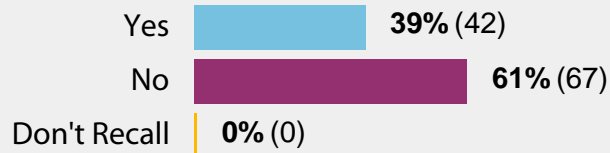
* 95 total responses, 87% of submissions

Did you receive a Chemistry endorsement from the state after completing the CTL Chemistry course?



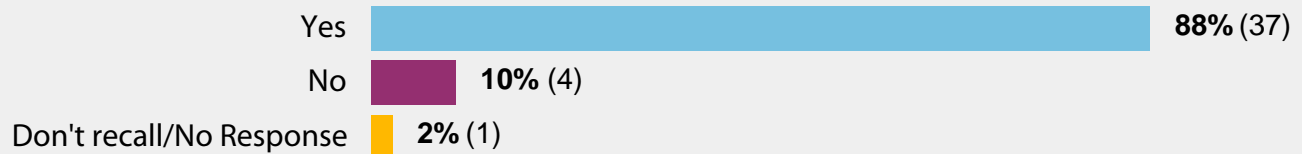
* 18 total responses, 17% of submissions

Did you take the General Science Praxis after completing your endorsement program?



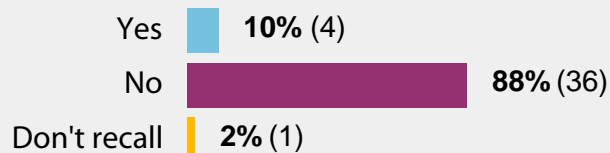
* 109 total responses, 100% of submissions

If yes, did you pass the General Science Praxis?



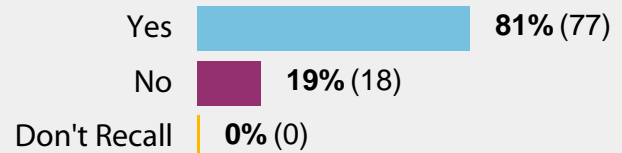
* 42 total responses, 39% of submissions

if yes, did you take the General Science Praxis more than once?



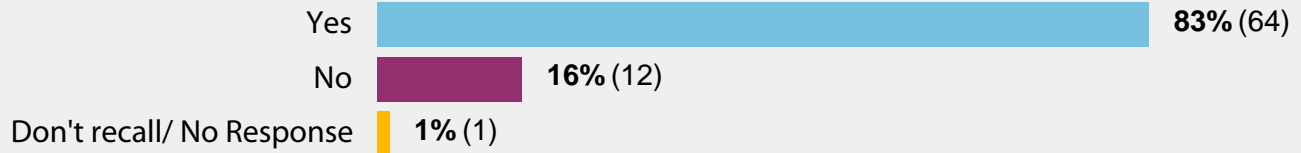
* 41 total responses, 38% of submissions

Did you take the Physics Praxis after completing the CTL Physics endorsement program?



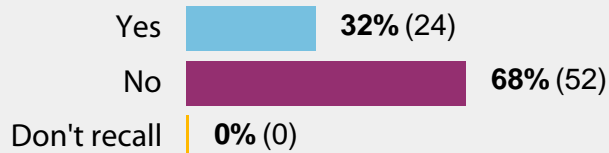
* 95 total responses, 87% of submissions

If yes, did you pass the Physics Praxis?



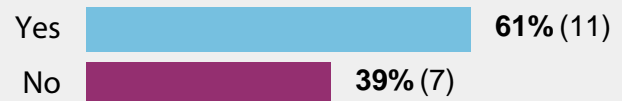
* 77 total responses, 71% of submissions

If yes, did you take the Physics Praxis more than once?



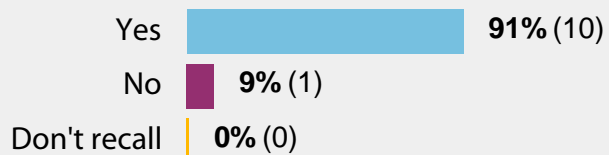
* 76 total responses, 70% of submissions

Did you take the Chemistry Praxis after completing the CTL Chemistry endorsement course?



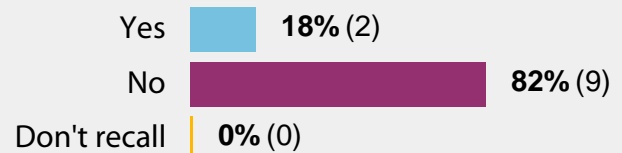
* 18 total responses, 17% of submissions

If yes, did you pass the Chemistry Praxis?



* 11 total responses, 10% of submissions

Did you take the Chemistry Praxis more than once?



* 11 total responses, 10% of submissions

CTL Alumni Survey 2015

Appendix A – Open Ended Responses

If you completed the Physics endorsement program and didn't receive a physics endorsement, why not?

If no, why not?

I was not able to pass the Physics Content Praxis.

Was unable to pass the physics praxis

I possess a comprehensive (K-12) science certificate and had already been teaching the subject for greater than a decade. As such, upon completion of the course at BCIT I was simply given a certificate of completion/endorsement having invested the 375 hours as required by the CTL.

I did not pass the praxis, especially the general science.

Did not pass the Praxis

I was already certified in Physical Science when I started the program

Have not passed the praxis.

Haven't taken the Praxis

Probably because I did not pass the physics praxis.

Previously certified

I did not complete the Physics endorsement, only the Chemistry endorsement

Immediately enrolled in graduate school for administration after completing PSI.

I was already certified to teach physics.

Content in placement. Not interested in teaching high school physics.

Took the Gen. Science and Physics PRAXIS a multiple times but didn't pass. The intensity of my school schedule and the workload made it difficult for me to study and do well on either test.

Honestly I refuse to deal with Kean University after they refused my entrance back into classes after taking a year off.

I was already a certified physics teacher.

Have not taken the Praxis

Not interested in teaching physics.

I already had my NJ certification in physical science

If you completed the chemistry endorsement program and didn't you receive a chemistry endorsement, why not?

If no, why not?

I don't know.

I already had a Chemistry endorsement.

Already certified in Physical Science

I already had my NJ certification in physical science

Why didn't you take the General Science praxis after completing your endorsement program?

If no, why not?

I already took that exam.

Don't want to at this time. Thank you.

I have another plan

I already took the General Science Praxis when I completed my Biology Certification.

I had previously taken the Praxis exam for Earth Science and Physical Science prior to their division into Physics and Chemistry.

Had already taken it. Initial Certificate is in Biological Sciences

My first certification is in Biology. It was a requirement for me. I passed it before completing the endorsement program.

I had completed the General Science Praxis PRIOR to being enrolled in PSI.

I already had passed it to become a Biology Teacher

I was already certified in biological science so I did not need to take that test.

Already passed it before this program.

Took General Science before for Biology endorsement.

I had already passed the General Science Praxis exam with a score of 187.

As stated, I already possess a NJ Comprehensive Teacher of Science Certificate issued 1986.

I previously took it for a prior certification in Biology.

Already had taken it for Biology Certification in years past.

I was already certified in Physics.

I got the score before.

I Took the praxis in the year 2002

I went the traditional teaching route and took this test when I graduated college and then I received K-12/Biology NJ teaching license

I stop teaching Physics at my School

I took it and passed before.

Procrastination

I already took it

Had taken before

I had already passed General Science and only needed physics.

I passed it before the endorsement program

I had taken it years before

I had already taken the General Science Praxis.

Already passed it with biology.

I had taken the General Science, Chemistry and Physics Praxis exams in 2002 when I completed my teacher certification under the alternate route program. I did not need to retake them to apply for the Physics certification, but I did need the additional Physics credits earned through the program.

Had already taken it before the course.

I had my biology certification, so I passed the General Science praxis before I was in this program.

I had already taken and passed it before starting the program. I taught biology prior to the program.

No need to, plus I don't need this certification and the cost.

Already certified

I took praxis physics content knowledge exam.

Took before

I took the General Science Praxis when I received my Biological-science certificate

Prior taken with 99 % score

Had already taken it

I have taken the exam previously for my original teacher certification.

took it prior

I was in grade school.

I passed the General Science Praxis before beginning the endorsement program.

Successfully passed the General Science Praxis prior while obtaining Biology Teaching Certification.

Already taken it for certification in Chemistry.

I completed the General Science Praxis PRIOR to completing the endorsement program.

Already passed with previous certificate.

My true passion is mathematics, so I decided not to go through the grueling task of studying/preparing for the General Science Praxis.

Already had passed the general science praxis prior t the physics course

I already passed the chemistry praxis and general science praxis before starting & completing physics endorsement.

I had physical science certification, already.

I took it before to obtain my biology endorsement.

I plan to take it this summer

Because I had taken the exam previous in order to receive my k-12 and biology certification

Took it during after phase 1.

Already took it to get my Biology certification

I had already taken the General Science Praxis

Not needed

Only needed to take Physics one.

I had already taken the praxis.

canceled due to illness

I took it before the endorsement program. I was employed as a teacher while completing the PSI program.

Took the General Science Praxis before teaching.

I had already taken and passed the General Science Praxis

If you completed the Physics endorsement program, why didn't you take the physics praxis?

If no, why not?

Did not need to.

Time Factor

I had taken it years before

Already passed it

My aunt passed away in my house the morning that I was to take the test.

already did

I had taken the General Science, Chemistry and Physics Praxis exams in 2002 when I completed my teacher certification under the alternate route program. I did not need to retake them to apply for the Physics certification, but I did need the additional Physics credits earned through the program.

Didn't feel prepared Unable to use the formula sheet on the Praxis that was used the entire class. Praxis was also changed according to an employee of the Praxis that I know and I didn't want to fail.

Previously certified but loved the PSI program

SUGGESTION: Reach out to already physics certified teachers b/c the PSI program ROCKS!

I was in grad school.

I took the Physics Praxis before completing the Physics endorsement program as I felt more than prepared for the exam. I took the exam two times once in the first year of the program to get a feel for the questions and then a second time for certification.

My true passion is mathematics, so I decided not to sit for the test.

I already had physics certification

I had already taken the physics praxis.

illness

I took it before completing the program formally. I wanted to get a feel for what it was like.

I had already taken and passed the Physics praxis test.

If you completed the Chemistry endorsement program, why didn't you take the chemistry praxis?

If no, why not?

Do not want to teach Chemistry at this time.

I had previously taken the Praxis exam for Earth Science and Physical Science prior to their division into Physics and Chemistry.

Took the praxis in the year 2002

I had already taken the Chemistry Praxis.

already did

Already Physical Science certified

I had already taken and passed the chemistry praxis test.